

Chapter 1 : Top 50 JavaScript Interview Questions And Answers

Comprehensive, community-driven list of essential JavaScript interview questions. Whether you're a candidate or interviewer, these interview questions will help prepare you for your next JavaScript interview ahead of time.

It stands for Java Development Kit. It stands for Java Runtime Environment. It stands for Java Virtual Machine. It is the tool necessary to compile, document and package Java programs. It is an abstract machine. It is a specification that provides run-time environment in which java bytecode can be executed. JVM follows three notations: Explain public static void main String args[]. Public means that this Method will be accessible by any Class. It is the return type of the method. Void defines the method which will not return any value. It is the method where the main execution occurs. It is the parameter passed to the main method. Why Java is platform independent? Java is called so because of its byte codes which can run on any system irrespective of its underlying operating system. What are wrapper classes? Every primitive data type has a class dedicated to it. Refer to the below image which displays different primitive type, wrapper class and constructor argument. What are constructors in Java? In Java, constructor refers to a block of code which is used to initialize an object. It must have the same name as that of the class. Also, it has no return type and it is automatically called when an object is created. There are two types of constructors: Default constructor Parameterized constructor Q7. What is singleton class and how can we make a class singleton? Singleton class is a class whose only one instance can be created at any given time, in one JVM. A class can be made singleton by making its constructor private. What is the difference between Array list and vector? Array List Array List is not synchronized. Vector is slow as it is thread safe. Vector defaults to doubling size of its array. Array List does not define the increment size. Vector defines the increment size. Array List can only use Iterator for traversing an Array List. Except Hashtable, Vector is the only other class which uses both Enumeration and Iterator. What are the differences between Heap and Stack Memory? The major difference between Heap and Stack memory are:

Chapter 2 : Most Common Technical Interview Question for FrontEnd Developers

JavaScript is a client-side as well as server side scripting language that can be inserted into HTML pages and is understood by web browsers. JavaScript is also an Object based Top 85 JavaScript Interview Questions & Answers.

Even senior javascript developers can be trapped by some of the questions asked by interviewees. The idea here is not to go through the questions and look for the answer. How can you declare a class in Javascript? Class using function as a constructor: You can use that object straightaway, no instantiation in this case. Singleton through a function: It means that we are creating one instance of that class at the same time we are declaring it. How would you organize your Javascript code? It makes the function to be executed immediately because of the parenthesis at the end of the command. The result of the execution will be an object which will be set to my variable myapplication. Besides your code will be more organized therefore easy to maintain. Difference between null and undefined This can be tricky and the best way to keep in your head is to memorise because if you try to relate javascript null to other languages, it will get more confusing. In javascript, null is an object with no value and undefined is a type. Have you already used MVC before? The most famous MVC frameworks are backbone. There are many advantages in using these frameworks, I can point out some of them: Forces your webapp to follow a well structured pattern; Maintainable: With organization comes an easy to maintain code; UI Binding: Some frameworks allow you to do that. So everytime your model changes, the view reflects it and vice-versa; Decoupled client: MVC frameworks like backbone. Create reusable visual components; Single-page apps: Native support for client-side url mapping; 6. How can you add a method to a class already defined? You can add a new method to a javascript class using prototype: Now, if you declare walk method inside the Person class, you will end up recreating the method for every new instance of Person. When would you use CSS float? Float is used when you want to make an element of your page usually an image be pushed to the right or left and make other elements wrap around it. When would you use CSS clear? When you want an element on the left or right of the floating element not to wrap around it, you can use clear. Have you used Sass? Every web project starts with everything neat, all CSS is organized in blocks or different CSS files and you know where everything is, right? Right, until your project gets bigger, deadlines get tight, more developers come on board and someday you notice a strange behaviour in some elements of the page. When you inspect their styles you spot lots of css overrides coming from everywhere. This is the moment you realise how messy CSS can be. Sass is the modern way of doing CSS and can save many lines of code in your stylesheets. This is possible because Sass works with variables, nested syntax and mathematical operations. In my opinion one of the nicest features of sass is the possibility to write a selector just once and put all styles for that inside it. Do you need a more specific selector under an existing one? Just nest the specifics into the generic one. Check out the example below taken from their official website. What can you do to improve page performance? Use sprite images whenever possible, try to group small images commonly used in a single file to be requested just once. See how Google uses sprites in Google Maps to make one request instead of one for each small image. Javascripts should be at the bottom of the page, instead of in the head as we use to see out there; Ensure parallel requests of your JS and CSS files. In order to force the browser to do that, you can optimize the order you include resources in your page. This item can generate its own blog post or even a book so I prefer to suggest you a really good reading about it. Caching is set in the HTTP header by informing browsers the expiry date or maximum age. Then browsers can load the last downloaded resource from the cache instead of request it again. Have a look at these examples below and spot the differences. This HTML document above can be opened with no problems in Chrome, even containing many markup errors because most browsers can fix them for you automatically. Notice the declaration of the doctype at the top of the document and the namespace xmlns attribute in html open tag. These elements are mandatory as well as all the tags in lowercase. There are several technical differences between these two types of requests, regarding length limitation, security, caching and a few others. Learn even more with my other posts:

Chapter 3 : JavaScript Interview Questions | TestDome

JavaScript interview questions and answers Development hiring managers and potential interviewees may find these sample JavaScript proficiency interview Q&As and code snippets useful.

What are all the features of Ajax? Following are the features of Ajax and they are as follows: NET data services and data contexts DataView control JSON is a safe and reliable data interchange format in JavaScript, which is easy to understand for both users and machines. It performs other operations on the page during that time JavaScript make a request to the server and waits for response AJAX does not require the page to refresh for downloading the whole page JavaScript manages and controls a Web page after being downloaded AJAX minimizes the overload on the server since the script needs to request once JavaScript posts a request that updates the script every time What are the components of the ASP. What are the extender controls? Where AJAX cannot be used? What are the pre-requisites to execute AJAX applications on a server? AJAX is a built-in functionality of .NET. It is used to quickly creating efficient and interactive Web applications that work across all browsers. How can you find out that an AJAX request has been completed? If the property is equal to four, then the request has been completed and data is available. Is javascript knowledge is required to do Ajax? Yes, if you plan to develop new AJAX functionality for your web application. What are all the browsers support AJAX? Following browsers support AJAX: How can you test the Ajax code? JSUnit is the client side javascript code used as part of JUnit. JSUnit has been used for Ajax code. Is Ajax said to be a technology platform or is it an architectural style? Ajax supports both technology and as architectural style. How can AJAX applications be debugged? Two tools are used for debugging: Fiddler for IE Is AJAX code cross browser compatible? No, it is supporting cross browser compatible. What is the name of object used for AJAX request? XMLHttpRequest object is used for Ajax requests. What is prerequisite for Update Panel in Ajax? Script Manager is pre-requisite to use Update Panel controls. How many update panel can be used per page? There are no restrictions on the number of update panels per page. What is Script Manager? How Ajax objects can be created? Following syntax can be used to create Ajax objects: What are the protocols used by Ajax? What are all the security issues of Ajax? Security issues that can be encountered When Ajax calls are sent through plain text and it may lead to know the database details Inserting scripts can also be possible and attackers can easily penetrate into the system How can we handle concurrent requests? Javascript functions should be written to handle concurrent requests and call back function can be passed as a parameter. Define the role of the Update Panel? Update Panel is used to add functionality to the existing ASP. By using partial page rendering, it can be used to update the content. Refresh can be made for the partial page instead of whole page. Can we use nested update panel in Ajax? Yes, we can use nested update panel in Ajax. Update panels can be nested to have more control over the Page Refresh. What are the types of post back in Ajax? There are two types of post backs: Synchronous Postback Asynchronous Postback How can we handle exception handling in Ajax? ErrorTemplate which is the child tag of Script Manager is used to handle exception handling in Ajax. Following components are used in Ajax client library:

Chapter 4 : Javascript Interview Questions & Answers JS Basic & Advanced | Nov WG

See The Answer Hide The Answer Submit a JavaScript interview question Submitted questions and answers are subject to review and editing, and may or may not be selected for posting, at the sole discretion of Upwork.

Next Page Dear readers, these JavaScript Interview Questions have been designed specially to get you acquainted with the nature of questions you may encounter during your interview for the subject of JavaScript. As per my experience good interviewers hardly plan to ask any particular question during your interview, normally questions start with some basic concept of the subject and later they continue based on further discussion and what you answer: JavaScript is a lightweight, interpreted programming language with object-oriented capabilities that allows you to build interactivity into otherwise static HTML pages. The general-purpose core of the language has been embedded in Netscape, Internet Explorer, and other web browsers. Name some of the JavaScript features. JavaScript is designed for creating network-centric applications. JavaScript is complementary to and integrated with Java. JavaScript is open and cross-platform. What are the advantages of using JavaScript? This saves server traffic, which means less load on your server. What are disadvantages of using JavaScript? We can not treat JavaScript as a full fledged programming language. This has been kept for security reason. JavaScript can not be used for Networking applications because there is no such support available. Is JavaScript a case-sensitive language? JavaScript is a case-sensitive language. This means that language keywords, variables, function names, and any other identifiers must always be typed with a consistent capitalization of letters. How can you create an Object in JavaScript? JavaScript supports Object concept very well. An array has a length property that is useful for iteration. How to define a named function? A named function has a name when it is defined. A function in JavaScript can be either named or anonymous. How to define a anonymous function? An anonymous function can be defined in similar way as a normal function but it would not have any name. Can you assign a anonymous function to a variable? An anonymous function can be assigned to a variable. Can you pass a anonymous function as an argument to another function? An anonymous function can be passed as an argument to another function. What is arguments object in JavaScript? JavaScript variable arguments represents the arguments passed to a function. How can you get the type of arguments passed to a function? Using typeof operator, we can get the type of arguments passed to a function. JavaScript famous keyword this always refers to the current context. What are the valid scopes of a variable in JavaScript? The scope of a variable is the region of your program in which it is defined. JavaScript variable will have only two scopes. Function parameters are always local to that function. Which type of variable among global and local, takes precedence over other if names are same? A local variable takes precedence over a global variable with the same name. A callback is a plain JavaScript function passed to some method as an argument or option. Some callbacks are just events, called to give the user a chance to react when a certain state is triggered. Closures are created whenever a variable that is defined outside the current scope is accessed from within some inner scope. Give an example of closure? Which built-in method combines the text of two strings and returns a new string? Which built-in method calls a function for each element in the array? Which built-in method returns the index within the calling String object of the first occurrence of the specified value? Which built-in method returns the length of the string? Which built-in method removes the last element from an array and returns that element? Which built-in method adds one or more elements to the end of an array and returns the new length of the array? Which built-in method reverses the order of the elements of an array? Which built-in method sorts the elements of an array? Which built-in method returns the characters in a string beginning at the specified location? Which built-in method returns the calling string value converted to lower case? Which built-in method returns the calling string value converted to upper case? What are the variable naming conventions in JavaScript? While naming your variables in JavaScript keep following rules in mind. You should not use any of the JavaScript reserved keyword as variable name. These keywords are mentioned in the next section. For example, break or boolean variable names are not valid. JavaScript variable names should not start with a numeral They must begin with a letter or the underscore character. JavaScript variable names

are case sensitive. For example, Name and name are two different variables. How typeof operator works? The typeof is a unary operator that is placed before its single operand, which can be of any type. Its value is a string indicating the data type of the operand. The typeof operator evaluates to "number", "string", or "boolean" if its operand is a number, string, or boolean value and returns true or false based on the evaluation. What typeof returns for a null value? Can you access Cookie using javascript? JavaScript can also manipulate cookies using the cookie property of the Document object. JavaScript can read, create, modify, and delete the cookie or cookies that apply to the current web page. How to create a Cookie using JavaScript? The simplest way to create a cookie is to assign a string value to the document. How to read a Cookie using JavaScript? Reading a cookie is just as simple as writing one, because the value of the document. So you can use this string whenever you want to access the cookie. How to delete a Cookie using JavaScript? Sometimes you will want to delete a cookie so that subsequent attempts to read the cookie return nothing. To do this, you just need to set the expiration date to a time in the past. How to redirect a url using JavaScript? JavaScript helps you to implement this functionality using print function of window object. The JavaScript print function window. What is Date object in JavaScript? The Date object is a datatype built into the JavaScript language. Date objects are created with the new Date. Once a Date object is created, a number of methods allow you to operate on it. Most methods simply allow you to get and set the year, month, day, hour, minute, second, and millisecond fields of the object, using either local time or UTC universal, or GMT time. What is Number object in JavaScript? In general, you do not need to worry about Number objects because the browser automatically converts number literals to instances of the number class.

Chapter 5 : The Best Javascript Interview Questions & Answers [UPDATED]

We've listed down the top 30 JavaScript interview questions and answers for web developers. After a thorough analysis, we came up with this list. And there is a.

What is the definition of global variables? In what way, these variables are declared? Global variable is a special kind of variable in JavaScript. This kind of variable is something that is easy to use and also available across the entire length of the JavaScript code. Mainly, the var keyword is used whether to declare a global or local variable. Name the problems that are associated with the use of global variables? Even though global variables are easy to use, these have some shortfalls. While using this type of variables, the problem of clashing of the variable names of different global and local scope occurs. The code that is often relied on the global variable also gets difficult to be tested and debugged. What is the definition of prompt box? The Input provided by any user in the JavaScript is entered with the help of a prompt box. While putting forward the data or the input, the prompt box allows the user to do so with the help of a text box. To include the number, label box is also used. The process of using inner HTML is much slower than the rest of the variables as its content is slowly built into different elements and takes time to get re-parsed. Since no validation is required by it, any type of valid inner HTML can be used. Even broken HTML can also be used and this can cause problems. The old content also gets easily replaced. Name the different type of groups of data types that are used in JavaScript and define them? There are two basic groups of data types - 1. Reference type - These are complex types of data which can mainly include dates and strings. Primitive type - These are types of data includes number data. Mention the advantages of using JavaScript programming language? The different kinds of advantages of using JavaScript are - 1. JavaScript provides the users to get immediate feedback. They can check the data which they entered without waiting for the page to be reloaded. The server interacting is lesser and the load on the server is also much lesser. JavaScript helps in saving the traffic on the server. Users can use various items to provide a rich interface to their own sites like they can use sliders and various drag-and-drop components. JavaScript also increased interactivity between various users. Mention of disadvantages of using JavaScript programming language? JavaScript has the following loopholes - For the security of the JavaScript, the client side of the programming language does not allow the files to be read or to be written. JavaScript is a case sensitive language - Explain? JavaScript programming language is case sensitive. This basically means those different types of variables, language keywords, functions and various identities, all these should be consistently used with the help of capitalized letters. Mention the different types of functions are supported by JavaScript? Define each of them? There are two types of functions which are supported by JavaScript. They are - 1. Anonymous function - This type of function generally has no name and this is the difference between it and a normal function. Named function - On the other hand, this function is something which is named properly and specifically. What are the different scopes of a variable? The scope of a variable is generally defined as the region which acts as the place of the program. Local variables are those types of variable which are visible across the specifically defined function. The parameter used is also local to the function. Callback is a typical function of the JavaScript which can be passed as an option or argument of JavaScript. Sometimes, callbacks can also be termed as simple events. Users are given calls to react to different kind of triggered situations. Mention the different types of rules which are used to name the various conventions in JavaScript? The JavaScript reserved keywords as variable names should not be used while naming the convention. These keywords mainly appear in another section. Like the break variable or the Boolean ones are not valid ones for naming conventions. Numerical data should not be used to start the variable name of the JavaScript. Letters and underscore should be used. These variables are also case sensitive and hence there is a big difference between the words Name and name. Define the mechanism of the typeof operator? The typeof operator is basically just the unary operator which is used before the single operand. The type includes Boolean, number, and string. How to create a class? JavaScript does not have a class definition. To mimic classes in JavaScript functions can be used to declare a class. The code will look like below, Function Student name.

Chapter 6 : Top 51 Javascript Interview Questions and Answers You Must Prepare in | Programming

Answer - Java and JavaScript are both Object Oriented Programming languages, but JavaScript is an object oriented scripting language. They are completely different programming languages with a small number of similarities.

JavaScript is a very widely used scripting language in web page development. If you are a fresher who wants to build a career in JavaScript or an experienced developer, these frequently asked JavaScript Questions for interview will definitely help you in preparing yourself for a job interview. These interview questions of JavaScript have been prepared by the experts who are experts in web development and are involved in the recruitment of JavaScript developers. You will rarely find such a gold mine of interview questions based on JS and its frameworks. You can pursue a very lucrative career with JavaScript as it is a technology that is here to stay. In this post, you can find the answers to both basic and advanced JavaScript questions answers for interview that will be beneficial for experienced as well as the freshers. Here are top 20 most common questions about JavaScript that professionals usually get asked during job interviews. Differentiate between Java and JavaScript? When working with JavaScript, how do you organize your code? When asking this kind of question, the interviewer usually wants to know how the candidates design and maintain their code. Employers will be interested to know whether you design code which is application-specific and will have no other use, or whether you use the module pattern or class inheritance to build a reusable code. How to differentiate between null and undefined? JavaScript basically has two distinct values to stand for nothing – null and undefined. A few words about undefined. What is event bubbling? This is a common question that pops up during interviews. Event bubbling basically defines the action of events in the Document Object Model DOM – in child and parent nodes, where all child node events are conveyed to their parent nodes automatically. The main advantage of this method is the increased speed of coding, because the code will need to pass over the DOM tree once only. POST method is used by developers to pass sensitive data type in such a way as to not append it and display it in the URL. In POST, there are no limitations when it comes to the amount of data that can be passed. How do you handle errors in JavaScript? What you do is basically attempt to run code in the try block located between the braces. Execution is then shifted to the catch block of code in case runtime errors take place. This logic is similar to C or Java. How do you distinguish undefined variable and undeclared variable? The variable that are declared in the program but no value is assigned to them, are called undefined variable. Undeclared variables are the ones that are not declared in the program.

Chapter 7 : Javascript Interview Questions - tutorialspoint

JavaScript Interview Questions Answers Introduction Below is the list of latest and updated JavaScript interview questions and their answers for freshers as well as experienced users.

What is prototypal inheritance in JavaScript? Most of the Object Oriented languages support classes and objects. Here, Classes inherit from other classes. In JavaScript, the inheritance is prototype-based. This means that there are no classes. Instead, there is an object that inherits from another object. JavaScript provides three different types of Prototypal Inheritance. A delegate prototype is an object that serves as a base for another object. When you inherit from a delegate prototype, the new object gets a reference to the prototype. When we try to access any property, it first checks in the properties owned by the object. It is the process of inheriting the features of one object to another by copying the source objects properties. JavaScript calls these source prototypes by the name mixins. This process makes use of the JavaScript method Object. Functional Not to be confused with functional programming. In JavaScript, a function can create an object. It is called a factory function. Functional inheritance produces an object from a factory and also extends it, by assigning properties. Every type of Prototypal Inheritance supports a separate set of use-cases, applicable to it. All of them are equally useful in their ability to enable composition. It provides a has-a, uses-a, or can-do relationship as compared to the is-a relationship created with class inheritance. What is an asynchronous programming? Why is it important in JavaScript? In Asynchronous programming, the engine runs in an event loop. On encountering a blocking operation, a request gets fired and the code keeps running without blocking for the result. When its execution completes, and the response is ready, it fires an interrupt, which causes an event handler to be run, where the control flow continues. In this way, a single program thread can handle many concurrent operations in an asynchronous programming. The user interface is asynchronous by nature and spends most of the time, waiting for user input to interrupt the event loop and trigger event handlers. Node is asynchronous by default. It means that the server works by waiting for a network request in a loop. Thus, it accepts more incoming requests, while the first one is getting handled. What is variable typing in JavaScript? JavaScript is very loosely typed language. It means that the variables are declared without a type. Its type is determined once a value is assigned to it. It can change as the variable appears in different contexts. Consider the following examples. What are the different ways to create an array in JavaScript? There are two main ways to create an array in JavaScript. Using an array initializer array literal. The array initializer array literal syntax is simple. It is a comma-separated list of values in square brackets. Using the Array constructor. The Array constructor method has three different syntaxes. If we call the constructor with two or more arguments, it declares an array with array elements also initialized. If we provide only one argument to the Array constructor, it refers to the length of the new array with, elements not initialized. Lastly, the constructor without any argument creates an array with its length set to zero with elements not initialized. What are JavaScript Cookies? A cookie is a piece of data which is sent from a website that owns the requested web page and gets stored locally by the browser at the user end. Cookies are needed because HTTP protocol which arranges for the transfer of web pages to your browser, is stateless. It means that HTTP has no way to keep track of the activities performed by the user at an earlier point in time. One way to resolve this issue is by using cookies. It contains the following data. A name-value pair containing the actual data. An expiry date after which the cookie is no longer valid. The domain and path of the server it should be sent to. When a request arrives at the server for a web page that maintains a cookie, the server appends the cookie to the HTTP header to send it across. The server-side programs can then read out the information included in it and decide that you have the right to view the page or not and other user preferences. Thus, every time you visit the site that maintains the cookies, your information is available there. Which built-in method adds one or more elements to the end of an array and returns the new length of the array? The push method adds one or more elements to the end of an array and returns the new length of the array. What is the naming conventions for the variables in JavaScript? We have to follow the below rules while naming the variables in JavaScript. Do not use any of the JavaScript reserved keywords as a name for your variable. JavaScript variable names should not

start with a numeral. It must begin with a letter or the underscore character. Also, JavaScript variable names are case sensitive. For example, test and Test are two different variables. How will you create a Cookie using JavaScript? We have to provide a date or time value for this attribute. If we provide a valid value for the date or time, then the cookie will expire at the given date or time and it will not be accessible after that. How to read a Cookie using JavaScript? Where, "name" is the name of a cookie and "value" is its string value. Each of these sub-strings contains a key-value pair which represents the information related to a Cookie. How to delete a Cookie using JavaScript? To delete a Cookie, we have to set its expiry date to a time that occurred in the past. If attempts are made to read a deleted Cookie then, nothing is returned. How do you submit a form using JavaScript? We use the following in the web page code to submit a form. Why should you not prefer to use global variables in JavaScript and how can you prevent it? And you may not know it until the duplicate could overwrite the value of your variable. To avoid using globals, follow any of the following approaches. Create a single global variable that holds all your other variables. What are the different objects used in JavaScript? JavaScript uses a hierarchical structure, applicable to all the objects created in a document. Following are the objects, used in JavaScript that shows the relationship of one object to another. It is the topmost object in the hierarchy. It refers to the content area of the browser window that consists of HTML documents. Each frame is also a window that has some actions inside it. It has various properties that refer to other objects, which allow access to and modification of content in the document. A form object is used to take user data as input for processing. What do we achieve by deferring the loading of JavaScript? During page load operation, by default, the parsing of the HTML code remains paused until the execution of the script has not stopped. Now, if the script is heavy or the server is slow, then this will result in a delay in displaying the web page. By deferring the loading of JavaScript, we instruct the browser to load the script, only after the loading of the web page DOM has finished. It reduces the loading time of the webpage, and it gets displayed faster. In this way, it makes the page load quicker, without the average user even realizing that some JavaScript load after the DOM has loaded. What is the Strict Mode in JavaScript? Strict Mode imposes a layer of constraint on JavaScript. It provides following enhancements.

Chapter 8 : Top 85 JavaScript Interview Questions & Answers

JavaScript Interview Questions Feb 07, Mindmajix - Online global training platform connecting individuals with the best trainers around the globe. With the diverse range of courses, Training Materials, Resume formats and On Job Support, we have it all covered to get into IT Career.

Syntax Error Syntax errors are those errors, which occur, when we violate the rules, defined by JavaScript. These errors occur, when a Web Page that has been created is loaded. We are writing a Script to display the value of a variable but somewhere in the program, you forgot the closing parentheses, a syntax error will occur. The Syntax errors prevent JavaScript code from functioning. A Browser shows the error message with the specified line, when it encounters a JavaScript code error.

Runtime Errors Runtime errors inform the user, that there is a problem with a script. Similar to the syntax errors, runtime errors are also displayed in a Browser. The nature of the error along with a line number is specified in an alert box, so you can easily search for the script. Runtime errors mostly occur due to improper use of the commands. For instance, you will review runtime errors, if you reference a variable, which has not been defined. The following code snippet shows an example of a runtime error: Next, we displayed its value, but instead of writing "Sting", we wrote "sing", that is not declared. Therefore, the second line of the preceding code snippet generates a runtime error.

Logic Errors Another type of common error is the logic, which occurs, when your script code does something different than the one suggested by the logic. Errors occur when the code is written incorrectly and you therefore do not get expected results. These errors are commonly known as bugs.

Explain Page Re-direction in JavaScript. Answer - Page redirection means moving to another location or the page, using JavaScript at the client side. Sometimes, you are visiting a specific Website but it goes to another page, because it is internally redirected. If you visit the shopping Website: Amazon, it will show the image like: There are the multiple reasons to redirect from the original page, as follows: One reason is that we just discussed in the previous example. The Browser gets your location and asks for the change of the page and the button click event page is redirected. If you have created a new domain and you want to redirect all your visitors from the old to the new domain. The following are the various page redirection methods to redirect from one page to another in JavaScript. These methods are used for redirecting to another page; just add this code to the head section:

Chapter 9 : Top 75 Java Interview Questions And Answers For | Edureka

Dear readers, these JavaScript Interview Questions have been designed specially to get you acquainted with the nature of questions you may encounter during your interview for the subject of JavaScript. As per my experience good interviewers hardly plan to ask any particular question during your.

Javascript Interview Questions 7 Javascript Interview Questions and Answers Whether you are preparing to interview a candidate or applying for a job, review our list of top Javascript interview questions and answers. Tweet What are some of the primary differences between monolithic and microservice architectures, and which is a better option for flexibility and scalability? This question is helpful in assessing foundational coding knowledge. There are several possible answers, so listen for thorough responses that demonstrate an understanding of monolithic versus microservice architectures. What to look for: Microservice architecture offers flexibility and scalability, because each component is an independent application. Asynchronous programming permits multiple concurrent operations, and it is a good match for JavaScript programs. This question assesses general coding knowledge, as well as specific understanding of JavaScript. An ability to articulate the difference between synchronous and asynchronous programming The impact of asynchronous programming on user interfaces An understanding of blocking and the subsequent impact on performance Example: These programs cannot typically handle simultaneous operations. With asynchronous programming, there is an event loop. As a result, one program thread can handle multiple operations at the same time. Since JavaScript is often used in user interfaces, the ability to run multiple operations concurrently results in a better user experience. This question is helpful in learning whether the applicant has experience and expertise in JavaScript. Prototypal inheritance is easier and more flexible than classical inheritance, which makes it the preferred method for experienced JavaScript coders. A preference for prototypal inheritance and composition An ability to articulate the reasons for this preference References to functional inheritance, concatenative inheritance, prototype delegation and object composition Example: This creates hierarchical class taxonomies. On the other hand, with prototypal inheritance, instances inherit from other objects, and they can be created from multiple objects. I prefer prototypal inheritance, because it is easier and more flexible. How applicants answer this question gives you insight into their experience with JavaScript. There are very few instances when classical inheritance makes sense, and the applicant might say there are none at all. A "no" answer is preferable to a long list of appropriate circumstances, as these are typically based on misinformation. On very rare occasions, it might be used for a single level. What is the role of functional programming in JavaScript? Functional programming is a fundamental principle in current JavaScript use. Mention of function purity and side effect avoidance Ability to provide examples of functional programming languages Ability to identify the features of JavaScript that enable functional programming Example: This method avoids programming issues such as shared state, side effects and mutable data. It is used as an alternative to object-oriented programming, in which the application state is typically collocated and shared with methods in objects. Can you provide an example? Any applicant with JavaScript experience has used one of these styles and therefore should be able to offer some thoughts on the pros and cons of each. An ability to articulate advantages and disadvantages of either method Mention of the issues that result from shared resources An understanding of how functional programming simplifies applications Example: I have had trouble with object-oriented programming, because different components are competing for the same resources. What is the difference between the two? Candidates who are unfamiliar with these terms may not have the experience required to be successful in the position. Ability to define the two concepts in a clear, concise manner Ability to articulate the difference between the two concepts Mention of example frameworks Example: React is an example of this. Alternatively, two-way data binding is a state in which user interface fields are dynamically linked with model data. When a field in the user interface changes, the model changes, too. Angular is an example of this.