JavaScript Quiz Study Guide

JS Strings

Property/Method	Description
length	Returns the length of a string
charAt()	Returns the character at the specified index (position)
endsWith()	Checks whether a string ends with specified string/characters
indexOf()	Returns the position of the first found occurrence of a specified value in a string
match()	Searches a string for a match against a regular expression, and returns the matches
replace()	Searches a string for a specified value, or a regular expression, and returns a new string where the specified values are replaced
search()	Searches a string for a specified value, or regular expression, and returns the position of the match
slice()	Extracts a part of a string and returns a new string
startsWith()	Checks whether a string begins with specified characters
toLowerCase()	Converts a string to lowercase letters
toUpperCase()	Converts a string to uppercase letters

JS Date

Property/Method	Description
getDate()	Returns the day of the month (from 1-31)
getDay()	Returns the day of the week (from 0-6)
getFullYear()	Returns the year
getHours()	Returns the hour (from 0-23)
getMinutes()	Returns the minutes (from 0-59)
getMonth()	Returns the month (from 0-11)
getSeconds()	Returns the seconds (from 0-59)
getTime()	Returns the number of milliseconds since midnight Jan 1 1970, and a specified date
now()	Returns the number of milliseconds since midnight Jan 1, 1970
setDate()	Sets the day of the month of a date object
setFullYear()	Sets the year of a date object
setHours()	Sets the hour of a date object
setMilliseconds()	Sets the milliseconds of a date object
setMinutes()	Set the minutes of a date object
setMonth()	Sets the month of a date object
setSeconds()	Sets the seconds of a date object
setTime()	Sets a date to a specified number of milliseconds after/before January 1, 1970

JS Array

Property/Method	Description
length	Sets or returns the number of elements in an array
pop()	Removes the last element of an array, and returns that element
push()	Adds new elements to the end of an array, and returns the new length
reverse()	Reverses the order of the elements in an array
shift()	Removes the first element of an array, and returns that element
slice()	Selects a part of an array, and returns the new array
some()	Checks if any of the elements in an array pass a test
sort()	Sorts the elements of an array
splice()	Adds/Removes elements from an array
reverse()	Reverses the order of the elements in an array
shift()	Removes the first element of an array, and returns that element
slice()	Selects a part of an array, and returns the new array
some()	Checks if any of the elements in an array pass a test
sort()	Sorts the elements of an array
splice()	Adds/Removes elements from an array

*JS Window Object

Property/Method	Description
closed	Returns a Boolean value indicating whether a window has been closed or not
name	Sets or returns the name of a window
innerHeight	Returns the inner height of a window's content area
innerWidth	Returns the inner width of a window's content area
opener	Returns a reference to the window that created the window
outerHeight	Returns the outer height of a window, including toolbars/scrollbars
outerWidth	Returns the outer width of a window, including toolbars/scrollbars
screenLeft	Returns the horizontal coordinate of the window relative to the screen
screenTop	Returns the vertical coordinate of the window relative to the screen
screenX	Returns the horizontal coordinate of the window relative to the screen
screenY	Returns the vertical coordinate of the window relative to the screen
self	Returns the current window
status	Sets or returns the text in the statusbar of a window
top	Returns the topmost browser window
alert()	Displays an alert box with a message and an OK button
close()	Closes the current window

confirm()	Displays a dialog box with a message and an OK and a Cancel button
focus()	Sets focus to the current window
moveBy()	Moves a window relative to its current position
moveTo()	Moves a window to the specified position
open()	Opens a new browser window
print()	Prints the content of the current window
prompt()	Displays a dialog box that prompts the visitor for input
resizeBy()	Resizes the window by the specified pixels
resizeTo()	Resizes the window to the specified width and height
scrollBy()	Scrolls the document by the specified number of pixels
scrollTo()	Scrolls the document to the specified coordinates
setInterval()	Calls a function or evaluates an expression at specified intervals (in milliseconds)
setTimeout()	Calls a function or evaluates an expression after a specified number of milliseconds
stop()	Stops the window from loading

JS Screen Object

Property/Method	Description
availHeight	Returns the height of the screen (excluding the Windows Taskbar)
availWidth	Returns the width of the screen (excluding the Windows Taskbar)
colorDepth	Returns the bit depth of the color palette for displaying images
height	Returns the total height of the screen
pixelDepth	Returns the color resolution (in bits per pixel) of the screen
width	Returns the total width of the screen

JS History Object

Property/Method	Description
length	Returns the number of URLs in the history list
back()	Loads the previous URL in the history list
forward()	Loads the next URL in the history list
go()	Loads a specific URL from the history list

JS Location Object

Property/Method	Description
length	Returns the number of URLs in the history list
back()	Loads the previous URL in the history list
forward()	Loads the next URL in the history list
go()	Loads a specific URL from the history list
hash	Sets or returns the anchor part (#) of a URL
host	Sets or returns the hostname and port number of a URL

hostname	Sets or returns the hostname of a URL
href	Sets or returns the entire URL
origin	Returns the protocol, hostname and port number of a URL
pathname	Sets or returns the path name of a URL
port	Sets or returns the port number of a URL
protocol	Sets or returns the protocol of a URL
search	Sets or returns the querystring part of a URL

*JS Document Object

Property/Method	Description
document.activeElement	Returns the currently focused element in the document
document.addEventListener()	Attaches an event handler to the document
document.baseURI	Returns the absolute base URI of a document
document.body	Sets or returns the document's body (the <body> element)
document.close()	Closes the output stream previously opened with document.open()
document.cookie	Returns all name/value pairs of cookies in the document
document.characterSet	Returns the character encoding for the document
document.createAttribute()	Creates an attribute node
document.createElement()	Creates an Element node
document.createTextNode()	Creates a Text node
document.doctype	Returns the Document Type Declaration associated with the document
document.documentElement	Returns the Document Element of the document (the <html> element)
document.documentURI	Sets or returns the location of the document
document.domain	Returns the domain name of the server that loaded the document
document.embeds	Returns a collection of all <embed> elements the document
document.forms	Returns a collection of all <form> elements in the document
document.getElementById()	Returns the element that has the ID attribute with the specified value
document.getElementsByClassName()	Returns a NodeList containing all elements with the specified class name
document.getElementsByName()	Returns a NodeList containing all elements with a specified name
document.getElementsByTagName()	Returns a NodeList containing all elements with the specified tag name
document.head	Returns the <head> element of the document
document.images	Returns a collection of all <img> elements in the document
document.lastModified	Returns the date and time the document was last modified
document.links	Returns a collection of all <a> and <area> elements in the document that have a href attribute

document.open()	Opens an HTML output stream to collect output from document.write()
document.querySelector()	Returns the first element that matches a specified CSS selector(s) in the document
document.querySelectorAll()	Returns a static NodeList containing all elements that matches a specified CSS selector(s) in the document
document.readyState	Returns the (loading) status of the document
document.referrer	Returns the URL of the document that loaded the current document
document.removeEventListener()	Removes an event handler from the document (that has been attached with the addEventListener() method)
document.renameNode()	Renames the specified node
document.scripts	Returns a collection of <script> elements in the document
document.title	Sets or returns the title of the document
document.URL	Returns the full URL of the HTML document
document.write()	Writes HTML expressions or JavaScript code to a document
document.writeln()	Same as write(), but adds a newline character after each statement