Cheatography

javascript Cheat Sheet

by Torvak via cheatography.com/32041/cs/9823/

DOM (Document Object Model) Document

FIND HTML ELEMENTS

document.getElementById(id)	ex:
document.getElementsByTagName(name)	ex: all elements
document.getElementsByClassName(name)	ex: returns array
document.querySelectorAll("p.intro")	
document.formName.inputName	ex: <form name="formName"><input name="inputName"></form>

CHANGE HTML ELEMENTS

element.innerHTML = new html content	ex: replace content here
element.attribute = new value	change the attribute value of an HTML elem
element.setAttribute(attribute, value)	change the attribute value of an HTML elem
element.style.property = new style	change the style of an HTML elem
element.src='"urlImg.png"	change value of <img src="source url">
element.value = 'value"	ex: <input value="new value">

Adding and deleteting elements

document.createElement(elem)	ex: document.create("button") creates <button></button>
document.removeChild(elem)	remove a html elem
document.appendChild(elem)	add en html elem

DOM (Document Object Model) Document (cont)

document.replaceChild(elem)	replace an html element ex: list.replaceChild(textNode, list.childNodes[0])
document.write(text)	white into html output stream

Arrays

Indexed arrays

var objectArray = ["Saab", Date.now, myFunction];	cars[0] returns "Saab"
var array = []	initialize empty array
var array = new array(40)	40 uninitialized elems!

Associative arrays

var person = {firstName:"John", lastName:"Doe", age:46};	person.lastName or person["lastName"] returns

Looping indexed arrays

for(var i = 0; i < arrayName.length; i++) { return arrayName[i]}

Looping associative arrays

for (var keyEtudiant in tabEtudiant) {print keyEtudiant+":"+tabEtudiant[keyEtudiant]}

Array methods

arrayName.toString()	convert array contents to string
arrayName.join(" seperator ")	same as above: elem1 *elem2* elem3
arrayName.pop()	removes last elem
arrayName.puh(elem)	add new element to end of array

Arrays (cont)

arrayName.shift()	removes first elem from array | returns value of arrayName[0]
arrayName.unshift(elem)	adds new elem to begining of array
arrayName.length	returns number of elems in array
elete arrayName[0]	changes first elem of array to undefined
arrayName.splice(position, numElems, elemToAdd1, elementToAdd2)	add nzw items to an array
arrayName.splice(startingPos,numElemesToDelete)	removes numberOfElems to delete starting from startingPos
var pets = catsArray.concat(dogArray);	joins two array together into one
elem.innerHTML = arrayName;	replaces HTML content of elem by string containing the elems of arrayName

Sorting arrays

arrayName.sort()	sorts elems from less important to most important
arrayName.reverse()	sorts most important to less important

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