

Topics of Discussion

- Chapter 10 JavaScript: Arrays
 - Introduction to Arrays and Array Object
 - Purposes
 - Array name, data elements, size
 - 1-dimensional array
 - 2-dimensional array
 - 3-dimensioonal array
 - Array Declaration and Address in Memory
 - Creating, Initializing and Growing Arrays (dynamic arrays)
 - Manipulating Arrays
 - Sum, Search, Sort
 - Properties of Array Objects
 - lenth
 - Methods of Array Object
 - sort()
 - indexOf()
 - lastIndexOf()
 - Arrays and Functions
 - Chapter 10 Examples
- Standard ECMA -262, ECMAScript Language Specification, 5.1 Edition, June 2011,
<http://www.ecma-international.org/ecma-262/5.1/>
 - 15.4 Array Object, <http://www.ecma-international.org/ecma-262/5.1/#sec-15.4>
- Other Examples and Web References, [http://msdn.microsoft.com/en-us/library/ie/89t1khd2\(v=vs.94\).aspx](http://msdn.microsoft.com/en-us/library/ie/89t1khd2(v=vs.94).aspx)
- e-Book: Developing Advanced Web Applications using JavaScript, by Paul Lin,
<http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/JavaScriptBookIndex.html>
 - Chapter 2 JavaScript Objects and Methods, http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/02_JSObjects.html
 - Chapter 9. Using JavaScript Arrays, http://www.etcs.ipfw.edu/~lin/Presentation/JavaScript/09_JsArrays.html