Task 1: Creating a Script Block

<script ...>

JavaScript code goes here

</script>

Task 2: Hiding Javascript Code

**<script language=”JavaScript”>**

**<!--**

**document.write(“Hello”);**

**// -->**

**</script>**

**Task 3: Providing Alternatives to Your Javascript code**

**<noscript>**

**Hello to the non-JavaScript browser.**

**</noscript>**

**Task 4: Including outside source code**

**<script language=”JavaScript” src=”**filename.js**”>**

**</script>**

**Task 5: Commenting Your Script**

// This is a comment

/\*

All of this

is a comment

\*/

Task 6: writing a javascript command

* Line by line
  + var a = “Yes”;
  + document.write(“Hello”);
* On the same line
  + var a = “Yes”; document.write(“Hello”);
* Any combination:
  + var a = “Yes”; document.write(“Hello”);
  + result = window.confirm(a);

Task 7: Temporarily Removing a command from script

var myVariable = “Hello”;

//document.write(“Hello”);

Task 8: Using Curly Brackets

* if (condition) command
* if (condition) document.write(“Hello”);
* { document.write(“Hello”); document.write(“ there”); }

Task 9: Writing Output to the browser

document.write(“<strong>Hello</strong>”);

Task 10: Creating a variable

var myVariable = “some value”;

Task 11: Outputing a Variable

document.write(myVariable);

Task 12: Creating a String

document.write(“This is a string”);

Task 13: Creating a Numeric Variable

document.write(375);

Task 14: Performing Math

var myVariable = 100 / 5;

var myVariable = 100 / thisVar;

Task 15: Concatenating Strings

var myVariable = “ab” + “cd”;

var myVariable = “ab” + thisVar;

Task 16: Searching for text in strings

var myVariable = “Hello there”;

var therePlace = myVariable.search(“there”);

Task 17: Replacing Text in Strings

var myVariable = “Hello there”;

var newVariable = myVariable.replace(“there”,”Arman”);

Task 18: Formatting Strings

variableName.big();

variableName.fontcolor(“red”);

variableName.toLowerCase();

Task 19: Applying Multiple Formatting Functions to a String

var myVariable = “Hello there”;

var newVariable = myVariable.bold().italics().fontcolor(“blue”).

fontsize(“24pt”);

Task 20: Creating Arrays

var myArray = new Array(5);

Task 21: Two ways creating array

var myArray = new Array(5);

1st way

myArray[0] = “First Entry”;

myArray[1] = “Second Entry”;

myArray[2] = “Third Entry”;

myArray[3] = “Fourth Entry”;

myArray[4] = “Fifth Entry”;

2nd Way

var anotherArray = new Array(“First Entry”,”Second Entry”,”Third Entry”,”Fourth Entry”,”Fifth Entry”);

Task 22: Sorting Array

var myArray = new Array(5);

myArray[0] = “z”;

myArray[1] = “c”;

myArray[2] = “d”;

myArray[3] = “a”;

myArray[4] = “q”;

document.write(myArray.sort());

Task 23: Splitting a sting Delimiter

var thisVar = “First element,Second element,Third element”;

var anotherVar = thisVar.split(“,”)

Task 24 Calling Functions

var variableName = functionName(argument 1, argument 2, etc.);

* var myVariable = Escape(“This is a test.”); document.write(myVariable);

Task 25: Alerting the user

window.alert(“Hello”);

Task 26: Confirming with the user

var result = window.confirm(“Click OK to continue”);

Task 27:Creating Your Own Functions

function functionName() {Your function code goes here

}

* function head() { document.write(“Hello”);
* To call
  + head();

Task 28: Passing an Argument to your functions

Function functionName(argumentName1,

argumentName2,etc.) { Your function code goes here

}

function square(number) {

var result = number \* number;

document.write(result);