

Internet Programming using JavaScript

Ex.1 Declaration of variables in JS

(a) Create a function in JavaScript "**Addition()**" which allow you to do the arithmetic operation between 2 numeric type variables and which will concatenate two other variables of type text.

Var1 = 10; Var2 = 20; Var3 = "30"; Var4 = "40";

Var1 + Var2 = Value of Var1 + Var2

Var3 + Var4 = Content of Var3 concatenated with Var4

Use the event onClick("Addition()"):

<button type="button" onclick="Addition()">Display Addition</button>

Use to display "document.write" and the tag
 or "\n" for a newline.

Test function for the following additions:

1. Var1 + Var2 + Var2 + Var1
2. Var4 + Var2 + Var1
3. Var4 + Var2 + Var2 + Var3
4. Var1 + Var1 + Var2
5. Var1 + Var2 + Var3 + Var4

Explain each answer using document.write("<p>....</p>")

Addition

Display Addition

? + ? + ? + ? = ?

? + ? + ? = ?

? + ? + ? + ? = ?

? + ? + ? = ?

? + ? + ? + ? = ?

(b) Create a function in JavaScript "**Subtraction()**" using the same global variables.

1. Var1 - Var2 - Var2 - Var1
2. Var4 - Var2 - Var1
3. Var4 - Var2 - Var2 - Var3
4. Var1 - Var1 - Var2
5. Var1 - Var2 - Var3 - Var4

Use to display variables values where you see the interrogation marks **document.getElementById().innerHTML**.

Add a "Total" variable and use to display the different id for each the interrogation marks for your 5 operations.

Give an explanation for your answers.

Explain each answer using document.write("<p>....</p>")

Create various (internal and external) scripts.

Subtraction

Display Subtraction

? - ? - ? - ? = ?

? - ? - ? = ?

? - ? - ? - ? = ?

? - ? - ? = ?

? - ? - ? - ? = ?

Upload your web files (.html and .js) by LEA of Omnivox.

Thank you.