**JavaScript: Basic Concepts Lab Work**

1. Where is the correct place to insert a JavaScript in the HTML page?
2. Write JavaScript syntax to change the content of the below HTML element.

<p id="demo">This is a demonstration.</p>

1. Create a variable called carName, assign the value Volvo to it.
2. Write the correct syntax for referring to an external script called "xxx.js"
3. Write the correct syntax to display “Hello World” in an alert box?
4. Write the correct syntax to create a function in JavaScript?
5. What is the correct syntax for a single-line comment in JavaScript?
6. Display the sum of 5 + 10 in HTML page, using two variables: x and y.
7. Create a variable called z, assign x + y to it, and display the result in an alert box.
8. On one single line, declare three variables with the following names and values

firstName = "John"  
lastName = "Doe"  
age = 35

1. Write JavaScript code to multiply 10 with 5, and alert the result.
2. Write JavaScript program to divide 10 by 2, and alert the result.
3. What is the result of the following expression?

5 + 5 + "5"

1. Write JavaScript program to alert the **remainder** when 15 is divided by 9.
2. What will the following code output?

console.log(2 + "2");

1. What will the following code snippet output?

console.log("5" - 3);

1. What will the following code snippet output?

console.log("Hello" + 1 + 2);

1. Write a JavaScript program to reverse the order of characters in the string.
2. Write a JavaScript function to return the sum of a and b.
3. Write a JavaScript function that takes an integer minutes and converts it to seconds.
4. Write a function that takes the base and height of a triangle and return its area.
5. Create a function that takes the age in years and returns the age in days.
6. Create a function that takes length and width and finds the perimeter of a rectangle.
7. What will be the output of the following code snippet?

let name = ”Unicom TIC”;

console.log(name.charAt(4));

1. Write a JavaScript program to reverse each word in the given sentence?

For example “Welcome to this Javascript Program!”

should be become “emocleW ot siht tpircsavaJ !amrgorP”