JAVASCRIPT ASSIGNMENT-1

1. Write a script to greet your website visitor using JS alert box. (Welcome to Our Website)

2. Write a script to display message on your web page. (Error! Please Enter a valid password)

3. Write a script to display message on your web page: (Hint : Use line break)

4. Write a script to display messages in sequence (3 Alerts)

5. Make use of alerts in your new/existing HTML & CSS project.

6. Practice placement of element in following sections of your project in exercise 5:

    a. Head

    b. Body (before your page's HTML)

    c. Body (inside your page's HTML)

    d. Body (after your page's HTML)

7. Declare a variable called username.

8. Declare a variable called myName & assign to it a string that represents your Full Name.

9. Write script to

    a) Declare a JS variable, titled message.

    b) Assign "Hello World" to variable message

    c) Display the message in alert box.

10. Write a script to save student's bio data in JS variables and show the data in alert boxes.

11. Declare a variable called email and assign to it a string that represents your Email Address(e.g. example@example.com). Show the blow mentioned message in an alert box.(Hint: use string concatenation)

12. **Write a script to display this in browser through JS.**

13. **Store following string in a variable and show in alert and browser through JS**
    "————————❦❀❀❦————————"

14. **Declare a variable called age & assign to it your age. Show your age in an alert box.**

15. **Declare & initialize a variable to keep track of how many times a visitor has visited a web page. Show his/her number of visits on your web page. For example: "You have visited this site N times".**

16. **Declare a variable called birthYear & assign to it your birth year. Show the following message in your browser:**

17. **A visitor visits an online clothing store www.xyzClothing.com . Write a script to store in variables the following information: a. Visitor's name b. Product title c. Quantity i.e. how many products a visitor wants to order Show the following message in your browser: "John Doe ordered 5 T-shirt(s) on XYZ Clothing store".**

18. **Declare 3 variables in one statement.**

19. **Declare 5 legal & 5 illegal variable names.**

20. **Display this in your browser**

    a) A heading stating "Rules for naming JS variables"

    b) Variable names can only contain _____, _____, _____ and _____. For example $my_1stVariable

    c) Variables must begin with a _____, _____ or _____. For example $name, _name or name

    d) Variable names are case _____

    e) Variable names should not be JS _____

21. **Write a program that take two numbers & add them in a new variable. Show the result in your browser.**

22. **Repeat task 21 for subtraction, multiplication, division & modulus.**

23. Do the following using JS Mathematic Expressions

   a. Declare a variable.

   b. Show the value of variable in your browser like "Value after variable declaration is: ??".

   c. Initialize the variable with some number.

   d. Show the value of variable in your browser like "Initial value: 5".

   e. Increment the variable.

   f. Show the value of variable in your browser like "Value after increment is: 6".

   g. Add 7 to the variable.

   h. Show the value of variable in your browser like "Value after addition is: 13".

   i. Decrement the variable.

   j. Show the value of variable in your browser like "Value after decrement is: 12".

   k. Show the remainder after dividing the variable's value by 3.

   l. Output : "The remainder is : 0".

24. Cost of one movie ticket is 600 PKR. Write a script to store ticket price in a variable & calculate the cost of buying 5 tickets to a movie.

25. Write a script to display multiplication table of any number in your browser.