

Practical 3: Javascript

1. Write a JavaScript to find the factorial of a given number using anyone of the iterative looping structures. The input is obtained using prompt and output is displayed only if the user confirms. The output is alerted using alert.
2. Get two numbers using prompt. Define a function multiply(var1, var2) that finds the product of two numbers using repeated addition and returns the result. Call this function and display the result using alert.
3. Write a JavaScript to implement five basic arithmetic operations (+, -, *, /, and %) as buttons. Two inputs to be obtained using Textfield and result to be displayed in a separate textfield when any one of the buttons is clicked.
4. Design and validate the following form.

Test JavaScript Form Validation

Name*	<input type="text"/>	Please enter your name!
Address	<input type="text"/>	
Zip Code*	<input type="text"/>	
Country*	<input type="text" value="Please select..."/>	
Gender*	<input type="radio"/> Male <input type="radio"/> Female	
Preferences*	<input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Blue	
Phone*	<input type="text"/>	
Email*	<input type="text"/>	
password (6-8 characters)*	<input type="text"/>	
Verify password*	<input type="text"/>	
<input type="button" value="SEND"/> <input type="button" value="CLEAR"/>		

- a. * - Mandatory Fields
- b. Name should not have a maximum of 20 characters
- c. Address – Specify in TextArea
- d. Preferences – Minimum Two colors should be selected
- e. Password and verify password must match.

5. Design a student registration form which takes student name, register number, DOB, program, email id, temporary address, permanent address, phone number.

Validate the following using JavaScript:

- a. Mobile number should be exactly 10 digits.
- b. Register number should have alphabets and numbers only
- c. Name should not exceed 30 characters and can be only alphabets.
- d. Email validation
- e. Provide a checkbox saying “Permanent address is same as temporary address”. If checked, the value of permanent address should be added automatically from temp address. And should be in disabled mode.