| **S.N.** | **TITLE** | **DATE OF SUBMISSION** | **SIGNATURE** |
| --- | --- | --- | --- |
|  | Write a JavaScript program to display "Welcome to JavaScript Programming" using alert() and console.log(). |  |  |
|  | Declare variables of different data types (string, number, boolean, undefined, null) and display their types using typeof operator. |  |  |
|  | Write a JavaScript program to swap two numbers using a temporary variable. |  |  |
|  | Create a simple calculator using JavaScript that takes two numbers and an operator (+, -, \*, /) and returns the result. |  |  |
|  | Write a JavaScript program to find the largest of three numbers using if...else and prompt() for input. |  |  |
|  | Create a program that prints numbers from 1 to 100, but for multiples of 3, print "Fizz"; for multiples of 5, print "Buzz"; and for both, print "FizzBuzz". |  |  |
|  | Write a JavaScript function that returns the factorial of a given number using for loop. |  |  |
|  | Write a function to check if a string is a palindrome. |  |  |
|  | Create a program using while loop to reverse a number (e.g., 12345 → 54321). |  |  |
|  | Create a program that asks the user's name using prompt() and then shows a greeting using alert() or confirm(). |  |  |
|  | Create a simple webpage with a button. When clicked, it should change the background color using JavaScript and DOM events. |  |  |
|  | Create an object named student with properties like name, age, rollNo, and a method to display the student's info. |  |  |
|  | Create an array of 5 numbers. Write a function to calculate and display the sum and average of the numbers. |  |  |
|  | Write a program to add, remove, and display elements in an array using methods like push, pop, shift, and unshift. |  |  |
|  | Use Date object to display the current date and time in dd/mm/yyyy hh:mm:ss format. |  |  |
|  | Write a JavaScript program using Math object to generate a random number between 1 and 100 and check if it is even or odd. |  |  |
|  | Write a regular expression to validate an email address using RegExp object. |  |  |
|  | Create a simple HTML form with fields: name, email, and password. Use JavaScript to validate that no field is left empty. |  |  |
|  | Write a script to create and read cookies for storing a user's theme preference (e.g., dark or light mode). |  |  |
|  | Use basic jQuery to hide/show a paragraph when a button is clicked. |  |  |