

INDEX – JS

S.N.	TITLE	DATE OF SUBMISSION	SIGNATURE
41.	Write a JavaScript program to display "Welcome to JavaScript Programming" using <code>alert()</code> and <code>console.log()</code> .		
42.	Declare variables of different data types (string, number, boolean, undefined, null) and display their types using <code>typeof</code> operator.		
43.	Write a JavaScript program to swap two numbers using a temporary variable.		
44.	Create a simple calculator using JavaScript that takes two numbers and an operator (+, -, *, /) and returns the result.		
45.	Write a JavaScript program to find the largest of three numbers using <code>if...else</code> and <code>prompt()</code> for input.		
46.	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".		
47.	Write a JavaScript function that returns the factorial of a given number using <code>for</code> loop.		
48.	Write a function to check if a string is a palindrome.		
49.	Create a program using <code>while</code> loop to reverse a number (e.g., 12345 → 54321).		
50.	Create a program that asks the user's name using <code>prompt()</code> and then shows a greeting using <code>alert()</code> or <code>confirm()</code> .		
51.	Create a simple webpage with a button. When clicked, it should change the background color using JavaScript and DOM events.		
52.	Create an object named student with properties like name, age, rollNo, and a method to display the student's info.		
53.	Create an array of 5 numbers. Write a function to calculate and display the sum and average of the numbers.		
54.	Write a program to add, remove, and display elements in an array using methods like <code>push</code> , <code>pop</code> , <code>shift</code> , and <code>unshift</code> .		

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55.	Use Date object to display the current date and time in dd/mm/yyyy hh:mm:ss format.		
56.	Write a JavaScript program using Math object to generate a random number between 1 and 100 and check if it is even or odd.		
57.	Write a regular expression to validate an email address using RegExp object.		
58.	Create a simple HTML form with fields: name, email, and password. Use JavaScript to validate that no field is left empty.		
59.	Write a script to create and read cookies for storing a user's theme preference (e.g., dark or light mode).		
60.	Use basic jQuery to hide/show a paragraph when a button is clicked.		