**Batch: Roll No.:**

**Experiment No. 04**

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| **TITLE:** **Develop and demonstrate JavaScript with POP-UP boxes and functions** |

**AIM:** To demonstrate the functionalities of JavaScript using HTML and CSS

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**Expected Outcome of Experiment:** Design static web pages using various HTML tags.

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**Books/ Journals/ Websites referred:**

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Describe and utilize Javascript programming concepts such as variables, arrays, conditionals, and loops.

Write and deploy Javascript code to solve practical web design problems.

**Problem Statement: Description of the application implemented with output**:

**a) Input**: Click on Display Date button using onclick( ) function

 **Output:** Display date in the textbox

**b) Input:** A number n obtained using prompt

 **Output:** Factorial of n number using alert

**c) Input:** A number n obtained using prompt

 **Output:** A multiplication table of numbers from 1 to 10 of n using

 d**) Write JavaScript to validate the following fields for the registration page**.

Name (Name should contain alphabets and the length should not be less than 6 characters).

Password (Password should not be less than 6 characters length).

E-mail id (should not contain any invalid and must follow the standard pattern

name@domain.com)

Phone number (Phone number should contain 10 digits only).

**Javascript Basic Concepts Learned With Syntax**

**Description of the application implemented with output**:

**Post Lab Objective with Ans :**

What are the possible ways to create objects in JavaScript?

What is the Difference between == and === operators

What is the difference between let and var