#### EXPERIMENT NO. 3

#### Write a program demonstrating javascript functions and different validations

**Title :** Write a program demonstrating javascript functions and different validations

**Aim :** To implement a program demonstrating javascript functions and different validations

**Theory:**

# JavaScript Functions

JavaScript functions are used to perform operations. We can call JavaScript function many times to reuse the code.

## **JavaScript Function Syntax**

function functionName([arg1, arg2, ...argN])

{

 //code to be executed

}

## **Form Validation**

Form validation is the process of making sure data provided by users into web forms meet the set criteria before being submitted to the server for the purpose of processing.

### Types of Form Validation

**Client-Side Form Validation** - Client-side form validation occurs within the user's browser using HTML, JavaScript, and sometimes HTML5 attributes. It provides real-time feedback to users while they fill out the form. This validation is user-friendly and reduces the number of unnecessary server requests. This is what we are looking at today.

**Server-Side Form Validation** - Server-side form validation is performed on the server after data is submitted. It acts as a safety net to ensure that only valid data is processed. Server-side validation is critical for maintaining data consistency and security, as client-side validation can be bypassed.

**Program:**

**Output:**

**Conclusion:**