

# Full Stack Application Development with Cloud Computing

## Module 2 – Front-End Development Tools, Technologies and Frameworks

### Lab - 1

### Unit 3 - JavaScript and DOM Manipulation

#### Topic: JavaScript, Console & Dialog Box

**Ex. 1: Design a simple HTML page with the provided JavaScript code. Which include Console Logging, Alert Dialog Box, Prompt Dialog Box, Confirm Dialog Box.**

```
<!DOCTYPE html>
<html>
<head>
  <title>JavaScript Console & Dialog Box Example</title>
</head>
<body>
  <script>
    // Log a message to the browser console
    console.log("Hello from the console!");

    // Display an alert dialog box
    alert("This is an alert dialog box.");

    // Ask for user input using a prompt dialog box
    var userInput = prompt("Please enter your name:");
    if (userInput) {
      alert("Hello, " + userInput + "!");
    } else {
      alert("You didn't enter a name.");
    }
  </script>
</body>
</html>
```

```
// Confirm user action using a confirm dialog box
var userConfirm = confirm("Do you want to proceed?");
if (userConfirm) {
    alert("You clicked OK!");
} else {
    alert("You clicked Cancel.");
}
</script>
</body>
</html>
```

**Output:**

This page says  
This is an alert dialog box.

OK

This page says  
Please enter your name:

Edunet

OK

Cancel

This page says  
Hello, Edunet!

OK

This page says

Do you want to proceed?

OK

Cancel

## Practice Question

**Ex. 2: Develop a webpage and need to incorporate user interactions using console messages and dialog boxes which include console and dialog boxes**