**LAB EXERCISES**

**EX.NO:08**

**DOM**

**AIM:**

**To write a JavaScript program to change the colour of a web page to the colour typed by the user in the text box.**

**PROCEDURE:**

1. **Create a basic HTML structure (<!DOCTYPE html>, <html>, <head>, and <body>).**
2. **Inside the <body>:**

* **Add a heading (<h1>).**
* **Add a text input field where the user can type the color name or hex code.**
* **Add a button labeled "Change Color".**

1. **Write a JavaScript function that:**

* **Gets the value entered in the text box using document. get Element By Id().**
* **Sets document. body. style. background Color to that value.**

1. **Connect the button’s onclick attribute to the JavaScript function.**
2. **Save the file with .html extension and open it in a browser to test.**

**PROGRAM:**

**<!** **DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<title>Change Background Colour</title>**

**</head>**

**<body>**

**<h1>Change Background Colour</h1>**

**<input type="text" id="colourInput" placeholder="Enter a color or hex code (e.g., red or #ff0000)">**

**<button onclick="changeColour()">Change Colour</button>**

**<script>**

**function changeColour() {**

**const color = document.getElementById('colourInput').value;**

**document.body.style.backgroundColor = color;**

**}**

**</script>**

**</body>**

**</html>**

**RESULT:**

**Thus the above HTML Code is executed and the output is obtained.**