

## Assignment 10:

**Title:** Using Event Handling.

**Objective:** To understand the concept of Event Handling in JavaScript.

**Tasks:** Design a webpage that changes the background color or image dynamically using JavaScript events such as onClick and onMouseOver.

### Software Required:

1. Notepad (or any text editor)
2. Any web browser (Google Chrome / Edge / Firefox)

### Procedure:

Step 1: Open Notepad (or any text editor).

Step 2: Create new file.

Step 3: Save the file as

- File Name: assignment10.html
- Save as type: All Files
- Encoding: UTF-8
- Location: Desktop or your project folder

Step 4: Type the HTML program using

Concept	Tags Introduced
Script Tag	<code>&lt;script type="text/JavaScript"&gt;</code>
Creating Function	<code>function changeColor(){} </code>
Mouse Event	<code>onmouseover</code>
Click Event	<code>onclick</code>
Button	<code>&lt;input type="button"&gt;</code>
Changing CSS	<code>document.body.style.backgroundColor</code>
Image Change	<code>document.body.style.backgroundImage</code>

Step 5: Run assignment10.html in any web browser

### Question 1: Change background color using onClick

Example:

```
<input type="button" value="Blue" onclick="document.body.style.backgroundColor='blue'">
```

**Student Activity:** Create three buttons Red, Green, and Yellow. When clicked, the background color of the webpage should change accordingly.

### Question 2: Change background color using onMouseOver

Example:

```
<p onmouseover="document.body.style.backgroundColor='pink'">
```

Move mouse over this text

```
</p>
```

**Student Activity:** Create a text message that changes the color to Red when the mouse is moved over it.

### Question 3: Change background image using onClick

Example:

```
<input type="button" value="Set Image" onclick="document.body.style.backgroundImage='url(bg.jpg)'">
```

**Student Activity:** Create a button that changes the webpage background image this element only when clicked.

### Question 4: Restore default background

Example:

```
<input type="button" value="Reset" onclick="document.body.style.backgroundColor='white'">
```

**Student Activity:** Create a reset button to restore the original background.

### Question 5: Mini Event Handling Project

**Student Activity:** Create a small project using both onClick and onMouseOver events to change background colors and images dynamically.

**Conclusion:** Successfully implemented JavaScript event handling using onClick and onMouseOver to dynamically change the webpage background color and image.