

Experiment 8

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Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Home Page - BG Color Change</title>
<link rel="stylesheet" href="styles.css">
</head>
<body>
<h1>  Home Page by Varad</h1>
<p>Background color changes on hover and focus event</p>

<button id="hoverBtn">Hover Over Me</button><br><br>

<input type="text" id="focusInput" placeholder="Click here to focus">

<script src="script.js"></script>
</body>
</html>
```

Styles.css :

```
body {
  font-family: Arial, sans-serif;
  text-align: center;
  transition: background 0.5s;
  background: #f4f4f9;
  padding: 50px;
}
```

```
h1 {  
    color: #333;  
    margin-bottom: 30px;  
}
```

```
button {  
    padding: 15px 30px;  
    font-size: 1rem;  
    cursor: pointer;  
    border: none;  
    border-radius: 8px;  
    background: #0077b6;  
    color: white;  
    transition: background 0.3s;  
}
```

```
button:hover {  
    background: #023e8a;  
}
```

```
input {  
    padding: 10px;  
    font-size: 1rem;  
    border: 2px solid #ccc;  
    border-radius: 5px;  
    margin-top: 20px;  
    outline: none;  
}
```

```
input:focus {  
    border-color: #0077b6;  
    box-shadow: 0 0 5px #0077b6;  
}
```

Script.js :

```
const body = document.body;

const hoverBtn = document.getElementById("hoverBtn");

const focusInput = document.getElementById("focusInput");

hoverBtn.addEventListener("mouseover", () => {
  body.style.background = "#caf0f8";
});

hoverBtn.addEventListener("mouseout", () => {
  body.style.background = "#f4f4f9";
});

focusInput.addEventListener("focus", () => {
  body.style.background = "#ffe5ec";
});

focusInput.addEventListener("blur", () => {
  body.style.background = "#f4f4f9";
});
```

1) Click On Button :

The screenshot shows a light blue background. At the top left is a small orange icon of a palette with paint. To its right, the text "Home Page by Varad" is displayed in a large, bold, black font. Below this, a horizontal line of text reads "Background color changes on hover and focus event". Underneath the line, there are two interactive elements: a dark blue rounded rectangle containing the white text "Hover Over Me", and a white rectangular box with a thin gray border containing the black text "Click here to focus".

2) Click on Input Box

The screenshot shows a pink background. At the top left is a small orange icon of a palette with paint. To its right, the text "Home Page by Varad" is displayed in a large, bold, black font. Below this, a horizontal line of text reads "Background color changes on hover and focus event". Underneath the line, there are two interactive elements: a dark blue rounded rectangle containing the white text "Hover Over Me", and a white rectangular box with a thin blue border containing the black text "Click here to focus".

