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**//Roll No: 404B002**

**//EXP-8**

**index.html**

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Home Page</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            transition: background-color 0.5s;

        }

        .section {

            padding: 20px;

            margin: 10px;

            border: 1px solid black;

        }

    </style>

</head>

<body onmouseover="changeBgColor()">

    <div class="section" tabindex="0" onfocus="changeFocus(1)"
style="outline: none;">

        <h1>Welcome to My Website</h1>

        <p>This is the home section of my website.</p>

    </div>

    <div class="section" tabindex="0" onfocus="changeFocus(2)"
style="outline: none;">

        <h2>About Us</h2>
```

```
    <p>Learn more about our mission and values.</p>
</div>
```

```
    <div class="section" tabindex="0" onfocus="changeFocus(3)"
style="outline: none;">
```

```
        <h2>Contact</h2>
```

```
        <p>Get in touch with us through this section.</p>
```

```
    </div>
```

```
<script>
```

```
    function changeBgColor() {
        document.body.style.backgroundColor = "lightblue";
    }
```

```
    function changeFocus(sectionNumber) {
        let sections = document.querySelectorAll('.section');
        sections.forEach(section => {
            section.style.backgroundColor = '';
        });
```

```
        if (sectionNumber === 1) {
            event.target.style.backgroundColor = "lightgreen";
        } else if (sectionNumber === 2) {
            event.target.style.backgroundColor = "yellow";
        } else if (sectionNumber === 3) {
            event.target.style.backgroundColor = "pink";
        }
    }
```

```
    </script>
```

```
</body>
```

```
</html>
```

**OUTPUT :**

