Exp:2 Css Types

Create an html file using different types of css like Inline, Internal and External.

AIM:

Is to create a html files using three types of css to style the page.

ALGORITHM:

Step 1: Inline CSS

- Add the `style` attribute directly to an HTML element.
- Use it to apply styles only to that specific element.
- Syntax: `<element style="property:value;">`

Step 2: Internal CSS

- Add a `<style>` tag inside the `<head>` section of the HTML file.
- Write CSS rules inside this tag to apply styles to multiple elements within the same page.

Step 3: External CSS

- Create a separate `.css` file (e.g., `styles.css`).
- Link it to the HTML file using a `<link>` tag in the `<head>` section.
- Best for reusing styles across multiple HTML pages.

Inline:

PROGRAM:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Inline CSS Example</title>
</head>
<body style="background-color: #f4f4f4; margin: 0; padding: 0;">

    <div style="width: 80%; margin: 0 auto; padding: 20px;">
        <h1 style="text-align: center; color: #333;">Inline CSS Example</h1>

        <div style="background-color: #fff; padding: 20px; margin: 20px 0;
border-radius: 8px; box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);">
```

```
            <h2 style="color: #333;">Card with Inline CSS</h2>
            <p style="color: #555; font-size: 16px;">This card uses inline CSS
for its styling, applied directly to the elements using the "style"
attribute.</p>
            <button style="background-color: #007BFF; color: white; padding:
10px 20px; border: none; border-radius: 15px; text-align: center;">Learn
More</button>
        </div>
    </div>

</body>
</html>
```

OUTPUT:

External

PROGRAM:

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>External</title>
    <link rel="stylesheet" href="style.css">
```

```html
</head>
<body>
    <div class="container">
        <h1>Internal CSS Example</h1>

        <div class="card">
            <h2>Card with External CSS</h2>
            <p>This card uses External CSS defined in the link tag in head
section Which will get the information from the style.css file </p>
            <button class="btn">Learn More</button>
        </div>


    </div>
</body>
</html>
```

Style.css

```css
body {
    background-color: #f4f4f4;
    margin: 0;
    padding: 0;
}

.container {
    width: 80%;
    margin: 0 auto;
    padding: 20px;
}

h1 {
    text-align: center;
    color: #333;
}

.card {
    background-color: #fff;
    padding: 20px;
    margin: 20px 0;
    border-radius: 8px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

.card p {
    color: #555;
    font-size: 16px;
}
```

```css
.btn {
    background-color: #007BFF;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    text-align: center;
}

.btn:hover {
    background-color: #0056b3;
}
```

OUTPUT:

External CSS Example

Card with External CSS

This card uses External CSS defined in the link tag in head section. Which will get the information from the style.css file

[Learn More]

Internal

PROGRAM:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Internal CSS Example</title>
    <style>
```

```css
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
        }

        .container {
            width: 80%;
            margin: 0 auto;
            padding: 20px;
        }

        h1 {
            text-align: center;
            color: #333;
        }

        .card {
            background-color: #fff;
            padding: 20px;
            margin: 20px 0;
            border-radius: 8px;
            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
        }

        .card p {
            color: #555;
            font-size: 16px;
        }

        .btn {
            background-color: #007BFF;
            color: white;
            padding: 10px 20px;
            border: none;
            border-radius: 5px;
            cursor: pointer;
            text-align: center;
        }

        .btn:hover {
            background-color: #0056b3;
        }
    </style>
</head>
<body>
```

```
    <div class="container">
        <h1>Internal CSS Example</h1>

        <div class="card">
            <h2>Card with Internal CSS</h2>
            <p>This card uses internal CSS defined in the style tag in head
section. But we can give the style tag anywhere inside the html program</p>
            <button class="btn">Learn More</button>
        </div>

    </div>

</body>
</html>
```

OUTPUT:

RESULT:

Thus the program for the Exploration of the Three types of css was done successfully.