

Assignment 06:

Title: Designing of HTML Screens Using CSS

Objective: To design and style simple HTML screens using CSS for formatting text, setting colors, applying font families, and adding background colors or images using inline CSS and internal CSS.

Tasks: Design a simple webpage layout using CSS techniques such as: Inline CSS, Internal CSS, Text formatting, Background color and background image, Font family and color styling

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: assignment6.html
- Save as type: All Files
- Encoding: UTF-8
- Location: Desktop or your project folder

Step 4: Write the HTML program using internal CSS inside <style> and inline CSS inside HTML tags.

Step 5: Run assignment6.html in any web browser

Note: Use comments (<!-- -->) in your code to label each question clearly.

Example: <!-- Question 1: Inline CSS-->

Question 1: Inline CSS

Example:

```
<!-- Question 1: Inline CSS Example -->
<h2 style="color: blue; font-size: 26px;">
    Welcome to CSS Styling
</h2>
```

Student Activity: Create an HTML <h3> heading titled "Inline CSS Practice" and apply inline CSS to it by writing the style attribute directly inside the <h3> tag. Your code should include:

- Text color: green
- Font size: 24px
- Text aligned to the center

Question 2: Internal CSS for Page Styling

Example:

```
<!-- Question 2: Internal CSS Example -->
<style>
    body {
        background-color: #eef6ff;
        font-family: Arial;
    }
    p {
        color: darkblue;
    }
</style>
```

<p>This paragraph is styled using internal CSS.</p>

Student Activity: Create a simple HTML page and apply internal CSS using the <style> tag inside the <head> section. Your task is to:

- Set the background color of the entire webpage to light yellow using CSS.
- Change the text color of all <p> paragraphs to maroon.

Question 3: Font Family Styling

Example:

```
<!-- Question 3: Font Family Example -->
<style>
    .font1 {
        font-family: "Times New Roman";
    }
</style>

<p class="font1">This text uses Times New Roman font.</p>
```

Student Activity: Create two `<p>` paragraphs in an HTML page.

- Apply Verdana font to the first paragraph
- Apply Courier New font to the second paragraph

Question 4: Background Color Section

Example:

```
<!-- Question 4: Background Color Example -->
<style>
    .box {
        background-color: lightgray;
        padding: 15px;
        color: black;
    }
</style>

<div class="box">
    This section has a background color.
</div>
```

Student Activity: Create a `<div>` element in an HTML page that has:

- Light blue background color
- Padding of 20px

Question 5: Background Image

Example:

```
<!-- Question 5: Background Image Example -->
<style>
    body {
        background-image: url('background.jpg');
        background-repeat: no-repeat;
        background-size: cover;
    }
</style>
```

Student Activity: Create an HTML page and apply a background image to the webpage using internal CSS inside the <style> tag.

- Use the background-image property
- Apply it to the <body> element

Question 6: Text Color & Size

Example:

```
<!-- Question 6: Text Formatting Example -->

<p style="color: red; font-size: 18px;">
    This paragraph uses inline CSS for color and size.
</p>
```

Student Activity: Create a paragraph with:

- Font size: 20px
- Text color: dark green

Question 7: Simple Styled Content Box

Example:

```
<!-- Question 7: Styled Box Example -->

<style>
    .content {
        background-color: #ffff3cd;
        border: 2px solid #856404;
        padding: 15px;
        font-family: Arial;
    }
</style>

<div class="content">
    This is a styled content box using CSS.
</div>
```

Student Activity: Create a CSS class named .info and apply:

- Border

- Background color
- Font-family

Use it inside a <div>.

Question 8: Creative Design

Example:

```
<!-- Question 8: Creative Section Example -->
<style>
    .creative {
        background-color: #e0f7fa;
        font-family: Verdana;
        color: #004d40;
        padding: 15px;
    }
</style>

<div class="creative">
    <h3>My Learning Goals</h3>
    <p>Learn HTML, CSS, and JavaScript.</p>
</div>
```

Student Activity: Design a mini section for:

- About Me OR My College OR My Goals.
- Use Internal CSS, Custom font-family, Different text colors

Output:**Conclusion:**

Successfully created and tested various HTML forms using basic and advanced form elements to collect user input.