

WTMA LAB MANUAL – CSS PROGRAMS

Experiment 2 – CSS Stylesheets & Animation

Program 1: Develop and demonstrate the usage of Inline, Internal and External style sheet using CSS

Aim

To design a simple web page and demonstrate the usage of:

1. Inline CSS
 2. Internal CSS
 3. External CSS
-

Software Required

- OS: Windows / Linux
 - Editor: VS Code / Notepad++
 - Browser: Chrome / Firefox
-

Theory

CSS (Cascading Style Sheets) is used to control presentation of HTML elements such as:

- Colors
- Fonts
- Layout
- Spacing

Types of CSS:

1. **Inline CSS** – applied directly inside an HTML tag
 2. **Internal CSS** – written in `<style>` tag inside `<head>` section
 3. **External CSS** – written in a separate .css file and linked using `<link>` tag
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Steps / Procedure

A) Inline CSS

1. Open **VS Code / Notepad++**.
 2. Create a new file and save as **inline.html**.
 3. Write basic HTML structure.
 4. Apply CSS directly inside tags using the **style=""** attribute:
 - o Example: `style="color: blue; text-align: center;"`
 5. Save the file.
 6. Open **inline.html** in a browser (Chrome/Firefox).
 7. Verify that styles are applied inside individual elements.
-

B) Internal CSS

1. Create a new file and save as **internal.html**.
 2. Write basic HTML structure.
 3. Inside `<head>` section, add `<style> ... </style>` block.
 4. Write CSS rules for elements like:
 - o `body, h1, p, button`
 5. Save the file.
 6. Open **internal.html** in browser.
 7. Verify that styles are applied through internal stylesheet.
-

C) External CSS

1. Create a new file and save as **external.html**.
2. Create another file and save as **style.css** in the same folder.
3. In **external.html**, link CSS using:
`<link rel="stylesheet" href="style.css">`
4. In **style.css**, write the CSS rules for:
 - o `body, h1, p, button`

6. Save both files.
7. Open **external.html** in browser.
8. Confirm webpage formatting is applied from external file.

Program Code

A) Inline CSS Example

File: inline.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Global Flash
```

```
News - Inline
```

```
CSS</title>
```

```
</head>
```

```
<body
```

```
style="margin:0; font-
```

```
family:Segoe UI;
```

```
background:linear-
```

```
gradient(to
```

```
right,#ff9a9e,#fad0c4
```

```
);">
```

```
<h1 style="text-
```

```
align:center;
```

```
color:#1d3557;
```

```
padding:20px;">
```



NEWS

</h1>

```
<div  
style="background:w  
hite; width:70%;  
margin:auto;  
padding:20px;  
border-radius:15px;  
box-shadow:0px 8px  
20px  
rgba(0,0,0,0.3);">
```

```
<h2  
style="color:#e63946;  
">  International  
Headline</h2>
```

```
<p style="font-  
size:18px;  
color:#333;">  
  
World leaders gather  
for Global Climate  
Summit 2026 to  
discuss sustainability  
goals and green  
technology initiatives.
```

</p>

```
<p style="font-size:18px; color:#2a9d8f;">
```

AI Revolution continues to reshape healthcare, education, and finance industries worldwide.

```
</p>
```

```
<button style="background:#ff006e; color:white; padding:12px 25px; border:none; border-radius:8px; font-size:16px;">
```

Read Full Article

```
</button>
```

```
</div>
```

```
</body>
```

```
</html>
```

B) Internal CSS Example

File: internal.html

```
<!DOCTYPE html>

<html>

<head>

<title>Global Flash News - Internal CSS</title>

<style>

body {

margin:0;

font-family:Segoe UI;

background: linear-gradient(to right,#667eea,#764ba2);

color:white;

}

h1 {

text-align:center;

padding:20px;

}

.news-container {

width:70%;

margin:30px auto;

background:white;
```

```
color:black;  
  
padding:25px;  
  
border-radius:15px;  
  
box-shadow:0px 8px 25px rgba(0,0,0,0.4);  
  
}
```

```
.news-title {  
  
color:#e63946;  
  
}
```

```
p {  
  
font-size:18px;  
  
line-height:1.6;  
  
}
```

```
button {  
  
background:#1d3557;  
  
color:white;  
  
padding:10px 20px;  
  
border:none;  
  
border-radius:8px;  
  
cursor:pointer;  
  
}
```

```
button:hover {  
background:#e63946;  
}  
</style>
```

```
</head>
```

```
<body>
```

```
<h1>🌐 WORLD NEWS DASHBOARD</h1>
```

```
<div class="news-container">
```

```
<h2 class="news-title">Breaking: Global Economy Update</h2>
```

```
<p>
```

Stock markets show strong recovery as international trade agreements strengthen global partnerships.

```
</p>
```

```
<p>
```

Space agencies announce new collaborative moon mission between multiple countries.

```
</p>
```

```
<button>Explore More</button>
```

```
</div>
```

```
</body>
```

```
</html>
```

C) External CSS Example

File 1: external.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Global Flash News - External CSS</title>
```

```
<link rel="stylesheet" href="style.css">
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<h1>INTERNATIONAL NEWS PORTAL</h1>
```

```
<p>Real-Time Updates | Trusted Journalism | Global Coverage</p>
```

```
</header>
```

```
<div class="card">

<h2>Technology News</h2>

<p>Artificial Intelligence transforms smart cities and digital governance worldwide.</p>

<button>Read More</button>

</div>

<div class="card">

<h2>Sports Update</h2>

<p>International football championship attracts record global audience.</p>

<button>View Details</button>

</div>

</body>

</html>
```

File 2: style.css

```
body {

margin:0;

font-family: Verdana;

background: linear-gradient(to right,#ff512f,#dd2476);

color:white;

text-align:center;

}
```

```
header {  
    padding:30px;  
}  
  
header p {
```

```
    font-size:18px;  
}  
  
 .card {
```

```
    background:white;  
    color:black;  
    width:60%;  
    margin:25px auto;  
    padding:20px;  
    border-radius:15px;  
    box-shadow:0px 10px 30px rgba(0,0,0,0.4);  
}
```

```
.card h2 {  
    color:#1d3557;  
}
```

```
button {
```

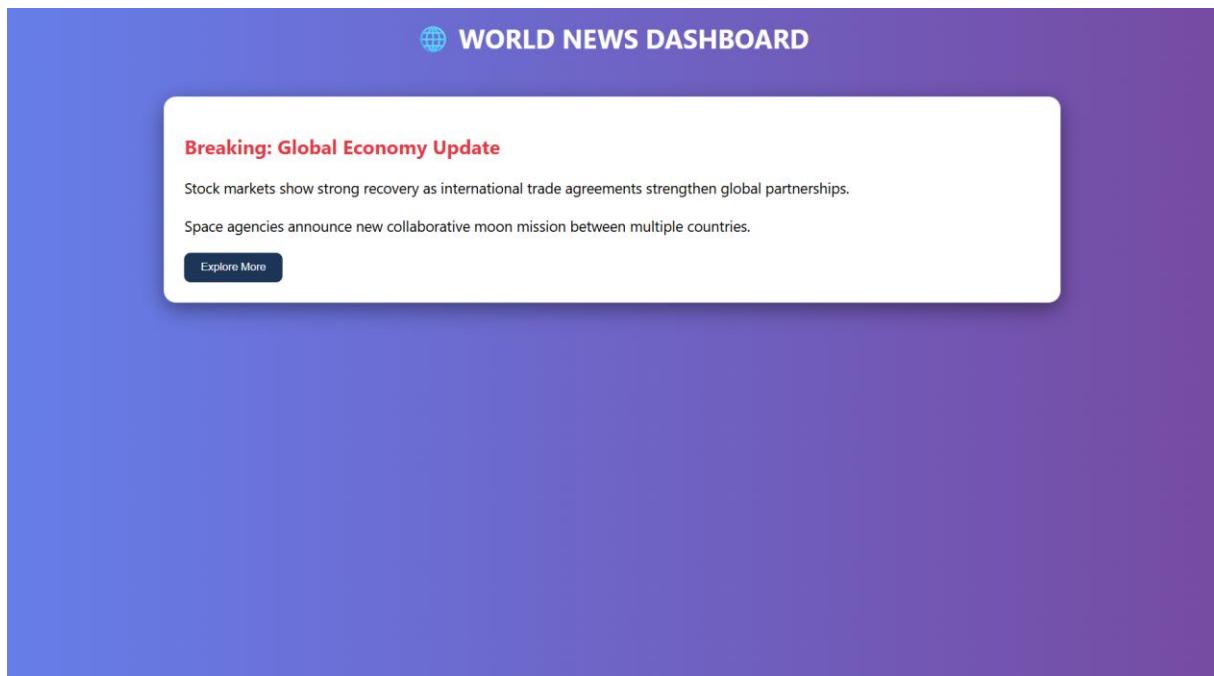
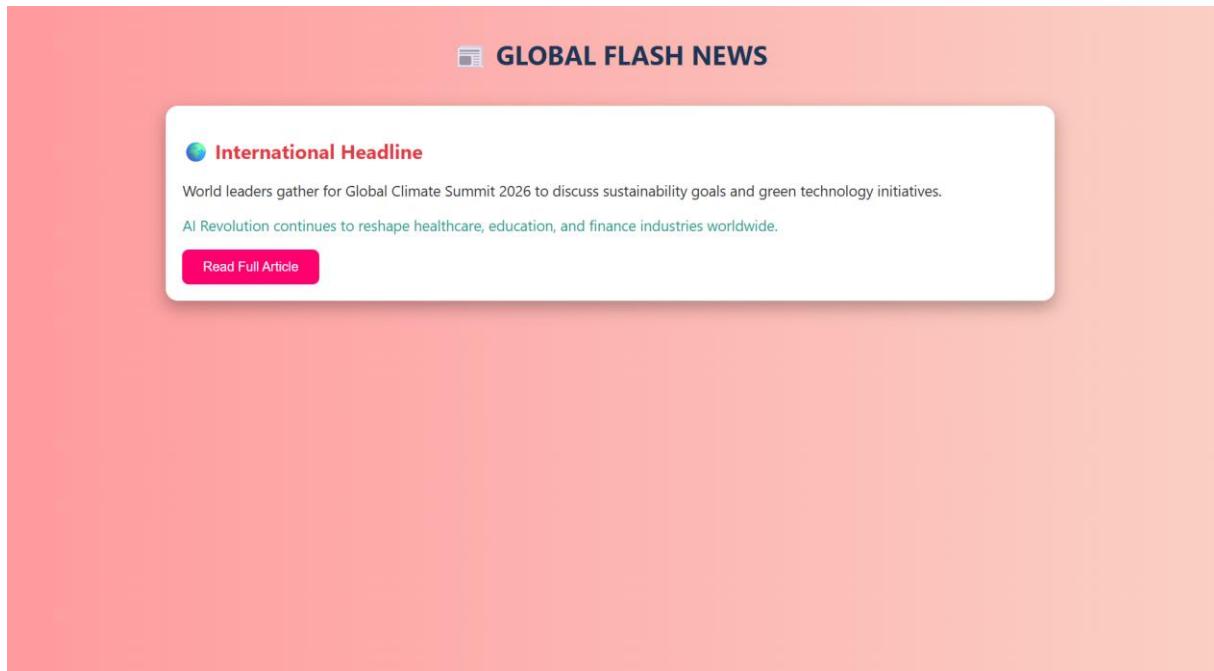
```
background:#ff006e;  
  
color:white;  
  
padding:10px 20px;  
  
border:none;  
  
border-radius:8px;  
  
cursor:pointer;  
  
margin-top:10px;  
  
}  
  
}
```

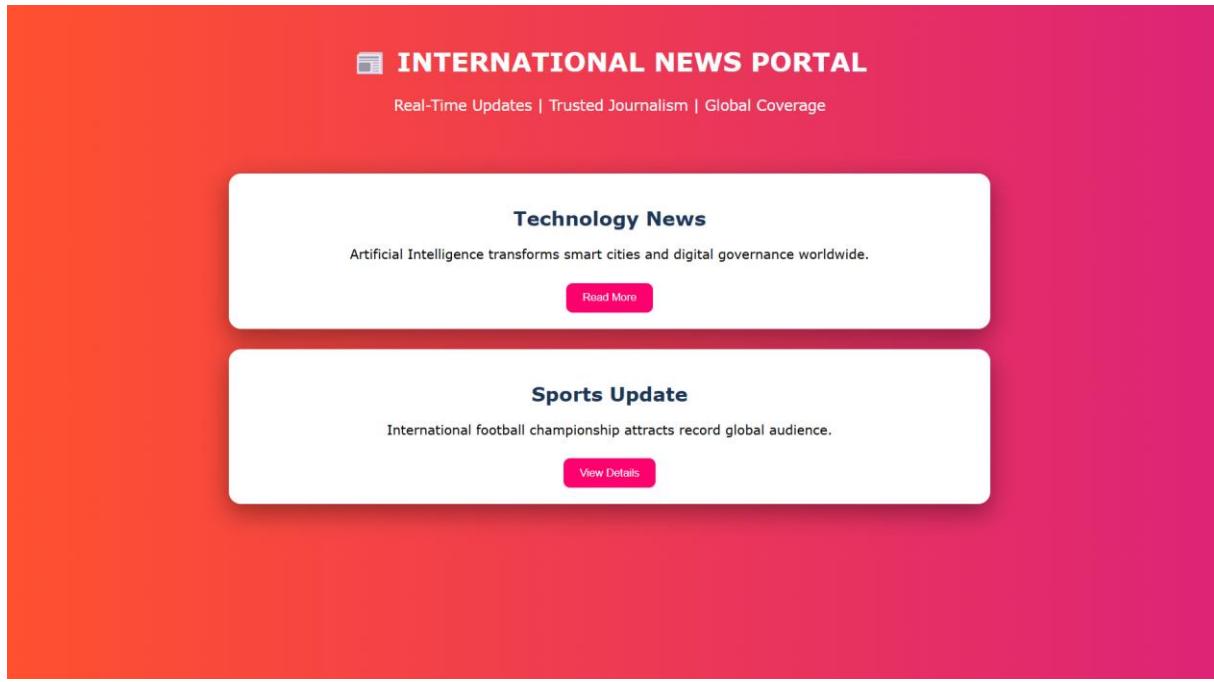
```
button:hover {  
  
background:#1d3557;  
  
}
```

Output

- Inline styles visible directly in HTML tags
 - Internal CSS applied through <style> section
 - External CSS applied through .css file
-

Screenshot





Result

Thus, Inline, Internal and External stylesheets were implemented and demonstrated successfully using CSS.
