

# Practical – 7

## Introduction to CSS

1. Create a webpage which displays "Hello World" with font size 20 pixels, bold format, in "Times New Roman" font and green in color using inline CSS, internal/embedded CSS and external CSS.

### HTML Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Css practice</title>
    <link rel="stylesheet" href="style.css" />
    <style>
      .para {
        font-size: 20px;
        color: rgb(0, 17, 128);
      }
    </style>
  </head>
  <body>
    <h1>Inline css</h1>
    <p style="font-size: 20px; color: rgb(165, 87, 42)">Hello World</p>
    <h1>Internal css</h1>
    <p class="para">Hello World</p>
    <h1>External css</h1>
    <p class="para2">Hello World</p>
  </body>
</html>
```

## style.css

```
.para2 {  
  font-size: 30px;  
  color: red;  
}
```

## Output

# Inline css

Hello World

# Internal css

Hello World

# External css

## Practical – 7

2. Create a webpage which implements CSS for the following appearance.

- . For h1 background-color: green
- . For p background-color: red
- . For div background-color: gray
- . For Body set Background image

### HTML Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Practical 2</title>
    <style>
      h1 {
        background-color: green;
      }
      p {
        background-color: red;
      }
      div {
        background-color: gray;
      }
      body {
        background-image: url(img.jpg);
      }
    </style>
  </head>
  <body>
    <h1>This is H1 tag</h1>
    <div>
      <h2>this a divition tag</h2>
    </div>
```

```
<p>  
  this a paragraph <br />  
  program number 2  
</p>  
</body>  
</html>
```

## Output



## Practical – 7

3. Create a webpage which implements CSS to set different font type, color and size for H1 to H6.

### HTML Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Document</title>
    <style>
      h1 {
        font-family: "sans-serif";
        font-size: 20px;
        color: rgb(222, 135, 213);
      }
      h2 {
        font-family: "Tahoma";
        font-size: 25px;
        color: rgb(0, 255, 60);
      }
      h3 {
        font-family: "Times New Roman";
        font-size: 30px;
        color: blueviolet;
      }
      h4 {
        font-family: "Arial Narrow Bold";
        font-size: 35px;
        color: rgb(255, 247, 0);
      }
      h5 {
        font-family: "Cambria";
        font-size: 40px;
        color: red;
      }
      h6 {
        font-family: "Verdana";
        font-size: 45px;
        color: rgb(220, 160, 20);
      }
    </style>
  </head>
  <body>
  </body>
</html>
```

```
    }  
  </style>  
</head>  
<body>  
  <h1>Heading 1</h1>  
  <h2>Heading 2</h2>  
  <h3>Heading 3</h3>  
  <h4>Heading 4</h4>  
  <h5>Heading 5</h5>  
  <h6>Heading 6</h6>  
</body>  
</html>
```

## Output

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

---

## Practical – 7

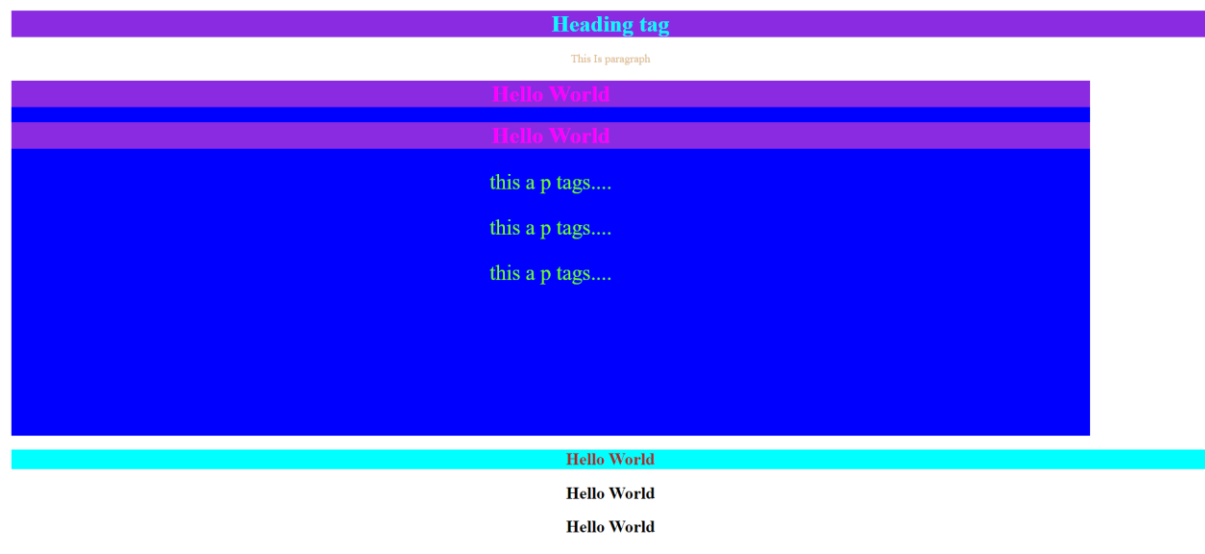
4. Create a webpage which implements different selectors.

### HTML Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>selector</title>
  <style>
    * {
      text-align: center;
    }
    h1 {
      color: aqua;
      background-color: blueviolet;
    }
    .p1 {
      color: burlywood;
    }
    #div {
      background-color: blue;
      height: 500px;
      width: 90%;
    }
    div > p {
      color: chartreuse;
      font-size: 30px;
    }
    div h1 {
      color: fuchsia;
    }
    div + h2 {
      background-color: aqua;
      color: brown;
    }
  </style>
</head>
```

```
<body>
  <h1>Heading tag</h1>
  <p class="p1">This is paragraph</p>
  <div id="div">
    <h1>Hello World</h1>
    <h1>Hello World</h1>
    <p>this a p tags....</p>
    <p>this a p tags....</p>
    <p>this a p tags....</p>
  </div>
  <h2>Hello World</h2>
  <h2>Hello World</h2>
  <h2>Hello World</h2>
</body>
</html>
```

## Output





## Practical – 7

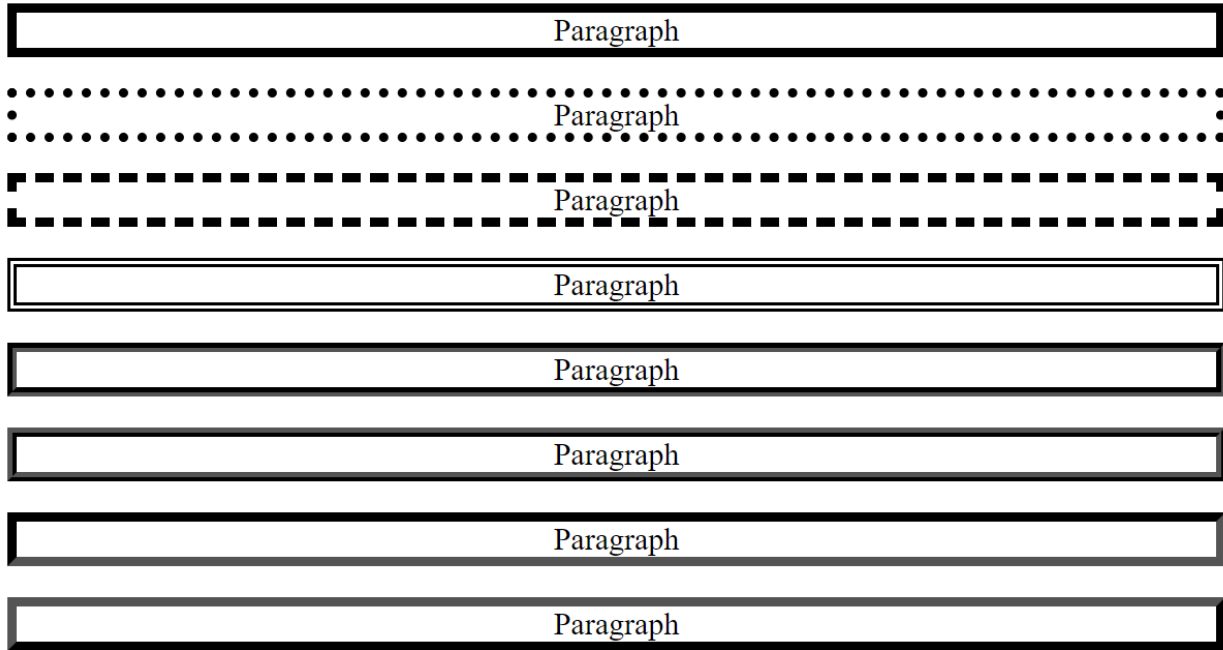
5. Create a webpage which implements different types of borders.

### HTML Code

```
<!DOCTYPE html>
<html>
  <head>
  </head>
  <body>
    <center>
      <h2>The border-style Property</h2>
      <p style="border:5px solid black;">Paragraph</p>
      <p style="border:5px dotted black;">Paragraph</p>
      <p style="border:5px dashed black;">Paragraph</p>
      <p style="border:5px double black;">Paragraph</p>
      <p style="border:5px groove black;">Paragraph</p>
      <p style="border:5px ridge black;">Paragraph</p>
      <p style="border:5px inset black;">Paragraph</p>
      <p style="border:5px outset black;">Paragraph</p>
    </center>
  </body>
</html>
```

## Output

### The border-style Property



## Practical – 7

6. Create a webpage which implements different CSS text property.

### HTML Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Document</title>
    <style>
      p {
        text-decoration: dotted;
        text-indent: 5%;
        text-align: center;
        text-transform: capitalize;
        white-space: inherit;
        word-spacing: 2%;
        letter-spacing: 10px;
        line-height: 50px;
        color: brown;
        font-size: 50px;
      }
    </style>
  </head>
  <body>
    <p>This is a paragraph tag</p>
    <p>hello World</p>
  </body>
</html>
```

## Output

This Is A Paragraph Tag

Hello World

---

## Practical – 7

7. Create a webpage which generate zebra stripe table. [Hint: Use the nth-child() selector and add background-color of your choice to all odd (or even) table rows/columns. Apply on tr or td elements]

### HTML Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>zebra table</title>
    <style>
      table {
        border-spacing: 0;
        width: 100%;
        border: 1px solid #000000;
      }

      tr:nth-child(even) {
        background-color: #a6afa9;
      }
    </style>
  </head>
  <body>
    <table border="2">
      <tr align="center">
        <td>raman</td>
        <td>anup</td>
      </tr>
      <tr align="center">
        <td>dinesh</td>
        <td>ramesh</td>
      </tr>
      <tr align="center">
```

```
<td>suresh</td>
<td>om</td>
</tr>
<tr align="center">
<td>ram</td>
<td>nik</td>
</tr>
</table>
</body>
</html>
```

### Output

raman	anup
dinesh	ramesh
suresh	om
ram	nik

## Practical – 7

8. Create a webpage which implements following pseudo-classes and pseudo-elements. [

Syntax:

```
selector: pseudo-class{  
property: value;  
}  
]
```

### HTML Code

```
<!DOCTYPE html>  
<html>  
  <head>  
    <title>Pseudo-classes & Pseudo-elements</title>  
    <style>  
      .first-child {  
        color: red;  
      }  
      .last-child {  
        color: blue;  
      }  
      .only-child {  
        color: green;  
      }  
      .nth-child {  
        color: orange;  
      }  
      .nth-last-child {  
        color: purple;  
      }  
      .hover:hover {  
        color: yellow;  
      }  
      .focus:focus {  
        color: pink;  
      }  
      .active:active {  
        color: cyan;  
      }  
    </style>  
  </head>  
</html>
```

```
}
.visited:visited {
  color: magenta;
}
.link:link {
  color: lime;
}
::before {
  content: "-";
  color: black;
}
::after {
  content: "--";
  color: rgb(224, 88, 88);
}
</style>
</head>
<body>
  <h1 class="first-child">First Child</h1>
  <p class="last-child">Last Child</p>
  <p class="only-child">Only Child</p>
  <p class="nth-child">Nth Child</p>
  <p class="nth-last-child">Nth Last Child</p>
  <p class="hover">Hover</p>
  <p class="focus">Focus</p>
  <p class="active">Active</p>
  <p class="visited">Visited</p>
  <p class="link">Link</p>
  <p>This is a Paragraph.</p>
</body>
</html>
```



## Output

-

-

**-First Child--**

-Last Child--

-Only Child--

-Nth Child--

-Nth Last Child--

-Hover--

-Focus--

-Active--

-Visited--

-Link--

-This is a paragraph.--

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