Practical – 6

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>
```

```html
    <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>
```

CSS CODE:

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

Inline css

Hello World

Internal css

Hello World

External css

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;
```

```html
      }
      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>
```

This is H1 tag

this a divition tag

this a paragraph
program number 2

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>

   <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>
```

<u>OUTPUT:</u>

Heading 1

Heading 2

Heading 3

Heading 4

Heading 5

Heading 6

---

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 {
```
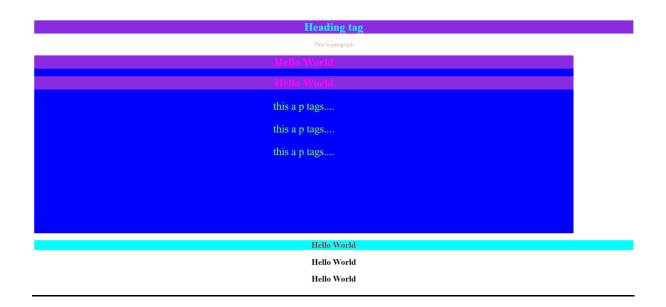
```html
      color: chartreuse;

      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:

Heading tag

This Is paragraph

Hello World

Hello World

this a p tags....

this a p tags....

this a p tags....

Hello World

Hello World

Hello World

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

HTML CODE:

```html
<!DOCTYPE html>
<html>
 <head>
  <style>
    p.dotted {
      border-style: dotted;
      height: 50px;
    }
    p.dashed {
      border-style: dashed;
      height: 50px;
    }
    p.solid {
      border-style: solid;
      height: 50px;
    }
    p.double {
      border-style: double;
      height: 50px;
    }
    p.groove {
      border-style: groove;
      height: 50px;
```

```
    }
    p.ridge {
      border-style: ridge;
      height: 50px;
    }
    p.inset {
      border-style: inset;
      height: 50px;
    }
    p.outset {
      border-style: outset;
      height: 50px;
    }
    p.hidden {
      border-style: hidden;
      height: 50px;
    }
    p.mix {
      border-style: dotted dashed solid double;
      height: 50px;
    }
  </style>
</head>
<body>
 <center>
 <h2>The border-style Property</h2>

 <p class="dotted">border1</p>
 <p class="dashed">border1</p>
```

```html
        <p class="solid">border1</p>

        <p class="double">border1</p>

        <p class="groove">border1</p>

        <p class="ridge">border1</p>

        <p class="inset">border1</p>

        <p class="outset">border1</p>

        <p class="hidden">border1</p>

        <p class="mix">border1</p>

</center>

</body>

</html>
```

OUTPUT:

The border-style Property

border1

border1

border1

border1

border1

border1

border1

border1

border1

border1

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

HTML CODE:

```html
<!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

---

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:

```html
<!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">
```

```html
    <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

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;
    }
```

```css
.nth-child {
  color: orange;
}


.nth-last-child {
  color: purple;
}


.hover:hover {
  color: yellow;
}


.focus:focus {
  color: pink;
}


.active:active {
  color: cyan;
}
.visited:visited {
  color: magenta;
}


.link:link {
  color: lime;
}


::before {
  content: "-";
```

```html
      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>
```

-

-

-First Child--

-Last Child--

-Only Child--

-Nth Child--

-Nth Last Child--

-Hover--

-Focus--

-Active--

-Visited--

-Link--

-This is a paragraph.--

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