

# CSPE 33: Web Technologies

## Assignment - 1

Submitted by,  
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1.

a.

```
<!DOCTYPE html>
<html>

<head></head>

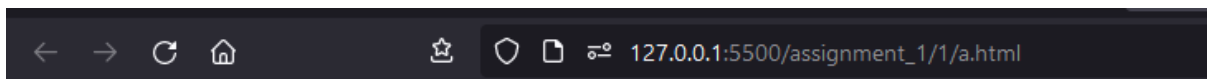
<body>
    <h1>Table Example Page</h1>
    <p style="margin-left: 160px;">Here is a more
complex sample table</p>
    <table border="1" style="text-align:center"
class="center">
        <tr>
            <td rowspan="4"></td>
            <td rowspan="3" colspan="4"
style="text-align:center">
                <h2>Camelid
                    comparison</h2><br>
                <h4>Approximate as of 9/2002</h4><br>
            </td>
        </tr>
        <tr></tr>
        <tr></tr>
        <tr>
            <td><strong># of Humps</strong></td>
            <td><strong>Indegenious
region</strong></td>
            <td><strong>Spits?<strong></td>
            <td><strong>Produces Wool?<strong></td>
        </tr>
        <tr>
            <td><strong>Camels (bactrian)<strong></td>
            <td>2</td>
            <td>Africa/Asia</td>
            <td rowspan="2">Llama</td>
            <td rowspan="2">Llama</td>
```

```

        </tr>
        <tr>
            <td><strong>Llamas</strong></td>
            <td>1</td>
            <td>Andes Mountains</td>
        </tr>
    </table>
</body>
</html>


```

Screenshot:



## Table Example Page

Here is a more complex sample table

	<h3>Camelid comparison</h3> <p>Approximate as of 9/2002</p>			
	# of Humps	Indegenious region	Spits?	Produces Wool?
Camels (bactrian)	2	Africa/Asia	Llama	Llama
Llamas	1	Andes Mountains		

b. home.html:

```

<!DOCTYPE html>
<html lang="en">

<head>
    <title>My Profile</title>
</head>

<body>
    <a href="all.html">
    </a>
</body>
</html>
```

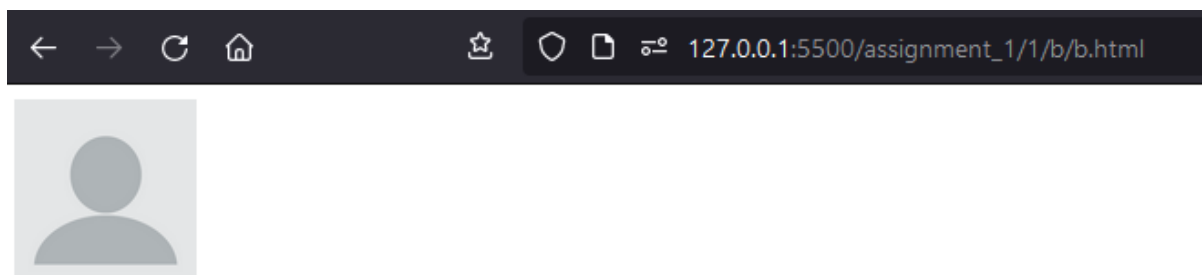
### personal.html:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <title>Personal Profile</title>
</head>

<body>
    <h1>My Personal Profile</h1><a
href="home.html">Home</a>
    <p>Hello everyone! I am Subhradeep Saha from
Agartala.<br> Lorem ipsum dolor sit amet consectetur
adipisicing
        elit. Obcaecati doloreque repellat aliquam
porro fuga quo aliquid atque alias pariatur ullam
repellendus,
        nesciunt aperiam. Laboriosam quibusdam quasi
ducimus saepe assumenda rem.</p>
</body>
</html>
```

### Screenshot:



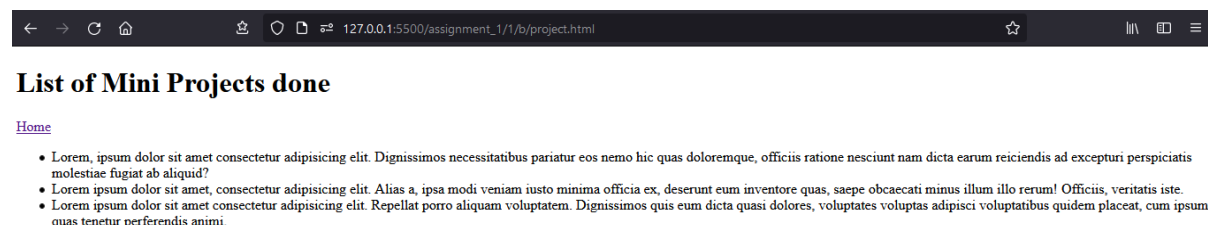
### project.html:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>List of Projects</title>
</head>

<body>
  <h1>List of Mini Projects done</h1><a
href="home.html">Home</a>
  <ul>
    <li>Lorem, ipsum dolor sit amet consectetur
adipisicing elit. Dignissimos necessitatibus
pariatur eos nemo hic
      quas doloremque, officiis ratione nesciunt
nam dicta earum reiciendis ad excepturi perspiciatis
molestiae
      fugiat ab aliquid?</li>
    <li>Lorem ipsum dolor sit amet, consectetur
adipisicing elit. Alias a, ipsa modi veniam iusto
minima officia ex,
      deserunt eum inventore quas, saepe
obcaecati minus illum illo rerum! Officiis,
veritatis iste.</li>
  </ul>
</body>
</html>
```

### Screenshot:



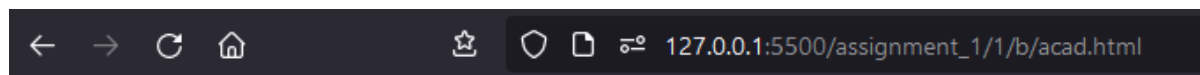
acad.html:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <title>Academic Profile</title>
</head>

<body>
    <h1>My Academic Profile</h1><a
href="home.html">Home</a>
    <p><b>Name: </b>Subhradeep Saha</p>
    <p><b>Occupation: </b>Student</p>
    <p><b>Alma mater: </b>National Institute of
Technology, Trichy</p>
    <p><b>Degree: </b>B.Tech Computer Science and
Engineering</p>
</body>
</html>
```

Screenshot:



## My Academic Profile

[Home](#)

**Name:** Subhradeep Saha

**Occupation:** Student

**Alma mater:** National Institute of Technology, Trichy

**Degree:** B.Tech Computer Science and Engineering

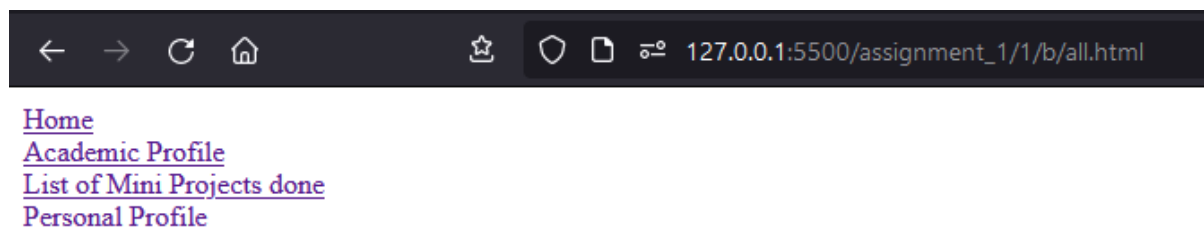
### all.html:

```
<!DOCTYPE html>
<html lang="en">

<head>
    <title>About Me</title>
</head>

<body>
    <a href="home.html">Home</a>
    <br>
    <a href="acad.html">Academic Profile</a>
    <br>
    <a href="project.html">List of Mini
    Projects done</a><br><a
href="personal.html">Personal Profile</a>
</body>
</html>
```

### Screenshot:



### c. index.html

```
<!DOCTYPE html>
<html>

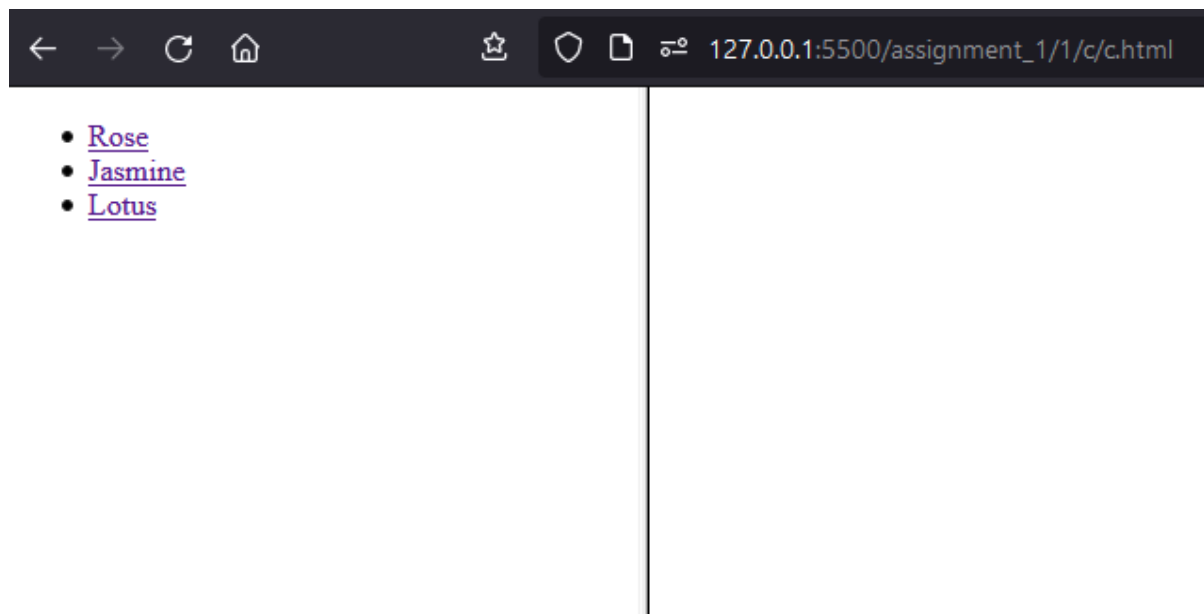
<frameset cols="25%, 75%">
    <frame name="list" src="flower_list.html" />
    <frame name="info" />
</frameset>

</html>
```

```
flower_list.html
<!DOCTYPE html>
<html>

<body>
    <ul>
        <li><a href="rose.html"
target="info">Rose</a></li>
        <li><a href="jasmine.html"
target="info">Jasmine</a></li>
        <li><a href="lotus.html"
target="info">Lotus</a></li>
    </ul>
</body>
</html>
```

### Screenshot:



### rose.html

```
<html>

<body>
    <h1>Rose</h1>
    <p>A rose is a woody perennial flowering plant
of the genus Rosa, in the family Rosaceae, or the
flower it bears.
```



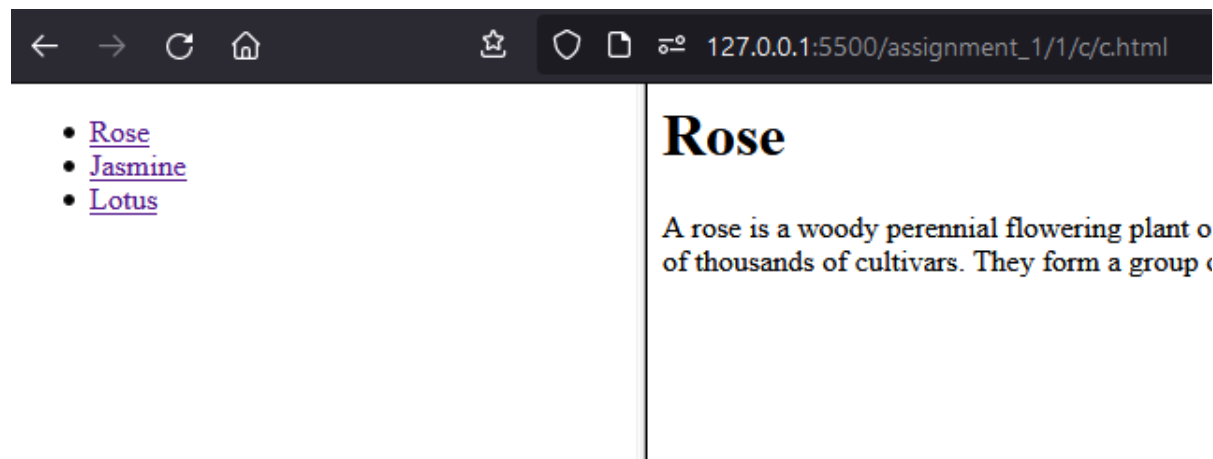
There are over three hundred species and tens of thousands of cultivars. They form a group of plants that can be

erect shrubs, climbing, or trailing, with stems that are often armed with sharp prickles</p>

</body>

</html>

### Screenshot:



### jasmine.html

<html>

<body>

<h1>Jasmine</h1>

<p>Jasmine is a genus of shrubs and vines in the olive family. It contains around 200 species native to tropical and

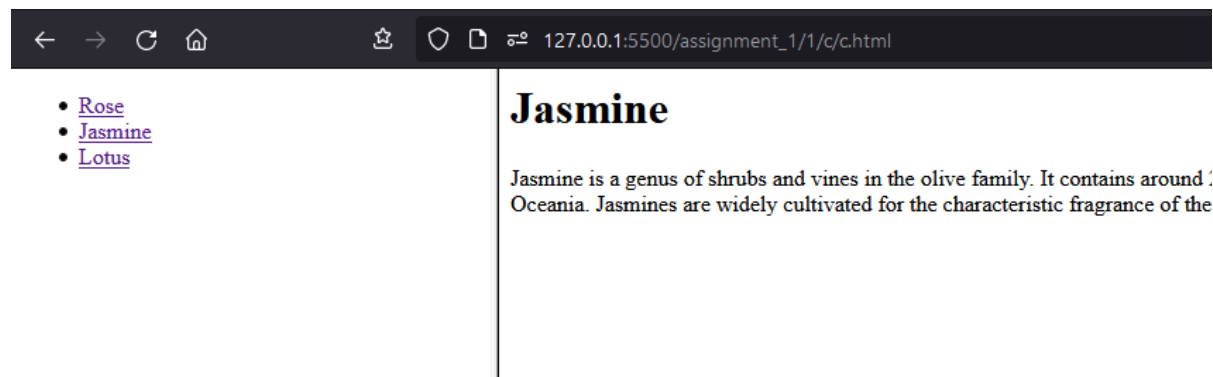
warm temperate regions of Eurasia and Oceania. Jasmines are widely cultivated for the characteristic fragrance

of their flowers.</p>

</body>

</html>

### Screenshot:

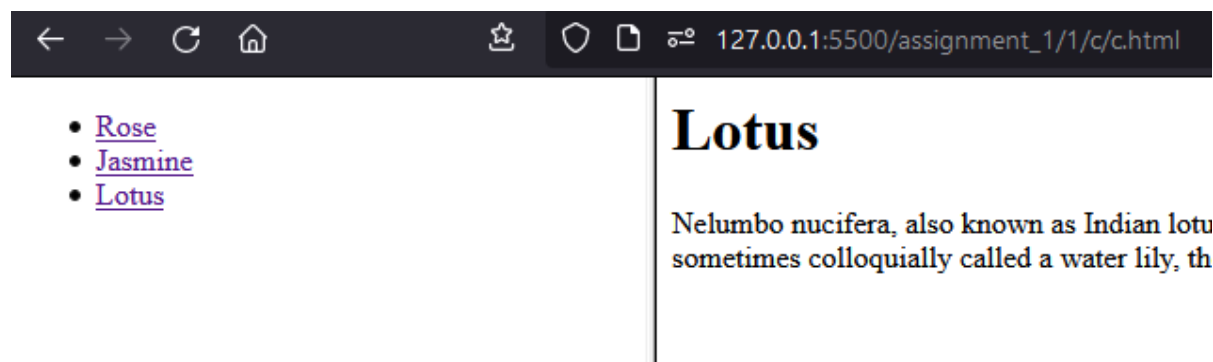


### lotus.html

```
<html>

<body>
    <h1>Lotus</h1>
    <p>Nelumbo nucifera, also known as Indian
lotus, sacred lotus, or simply lotus, is one of two
extant species of
    aquatic plant in the family Nelumbonaceae. It
is sometimes colloquially called a water lily,
though this more
    often refers to members of the family
Nymphaeaceae</p>
</body>
</html>
```

### Screenshot:

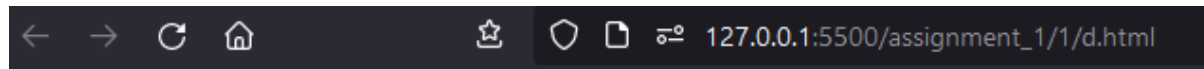


d.

```
<!DOCTYPE html>
<html>

<body>
  <ul>
    <li>Coffee</li>
    <li>Tea<ul>
      <li>Black Tea</li>
      <li>Green Tea<ul>
        <li>China</li>
        <li>Africa</li>
      </ul>
    </li>
  </ul>
  <li>Milk</li>
</ul>
</body>
</html>
```

Screenshot:

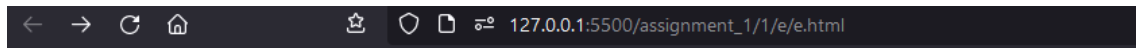


e. home.html

```
<!DOCTYPE html>
<html>

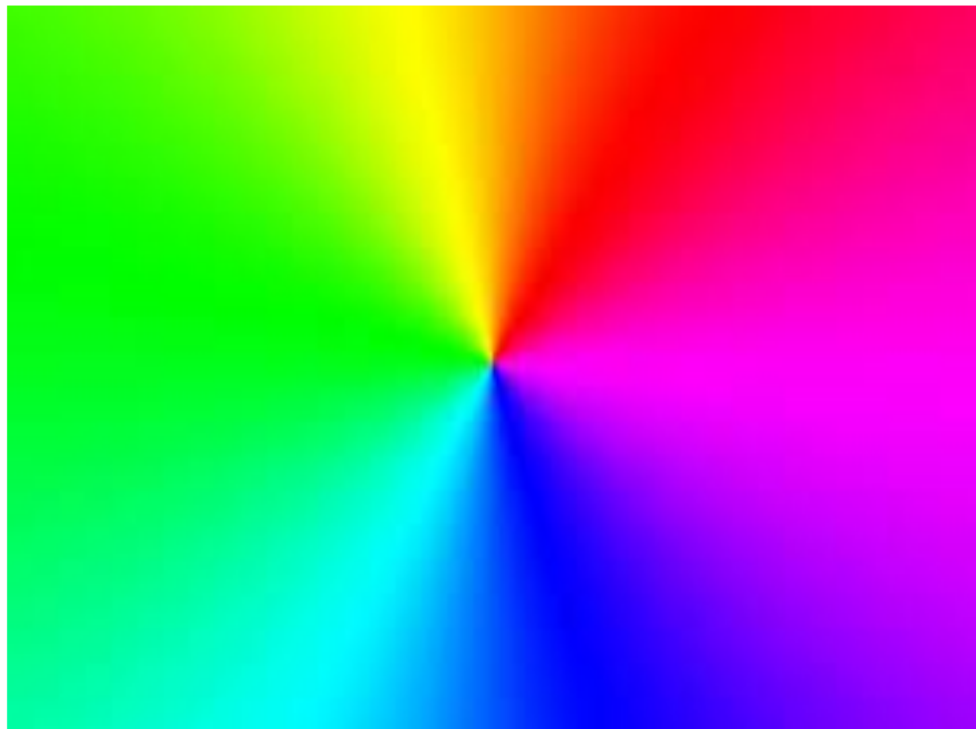
<body>
  <h2>Image Map</h2>
  <p>Click on different sections to view
different content</p>
  
    <map name="workmap">
        <area shape="rect" coords="78,122,381,276"
alt="Pineapple" href="green.html">
        <area shape="rect" coords="442,124,659,323"
alt="Banana" href="red.html">
        <area shape="rect" coords="256,300,434,327"
alt="Raspberry" href="blue.html">
    </map>
</body>
</html>
```

### Screenshot:



### **Image Map**

Click on different sections to view different content



### red.html:

```
<!DOCTYPE html>
<html>

<body>
```

```
<p>Red is the color at the long wavelength end
of the visible spectrum of light, next to orange and
opposite violet.
```

```
    It has a dominant wavelength of approximately
625–740 nanometres. It is a primary color in the RGB
color model
```

```
    and the CMYK color model, and is the
complementary color of cyan.
```

```
</p>
</body>
</html>
```

### Screenshot:



Red is the color at the long wavelength end of the visible spectrum of light, next to orange and opposite violet. It has a dominant wavelength of approximately 625–740 nanometres. It is a primary color in the RGB color model and the CMYK color model, and is the complementary color of cyan.

### blue.html:

```
<!DOCTYPE html>
<html>
```

```
<body>
```

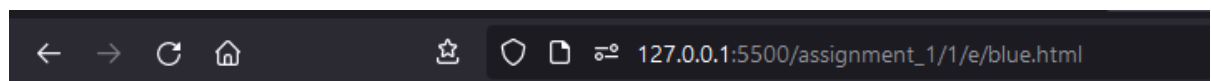
```
    <p>Blue is one of the three primary colours of
pigments in painting and traditional colour theory,
as well as in
```

```
    the RGB colour model. It lies between violet
and green on the spectrum of visible light. The eye
perceives blue
```

```
    when observing light with a dominant wavelength
between approximately 450 and 495 nanometres.
```

```
    </p>
</body>
</html>
```

### Screenshot:



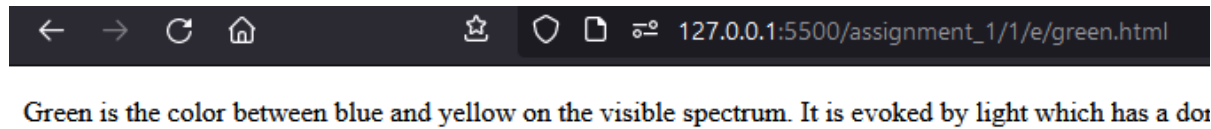
Blue is one of the three primary colours of pigments in painting and traditional colour theory, as well as in the RGB colour model. It lies between violet and green on the spectrum of visible light. The eye perceives blue when observing light with a dominant wavelength between approximately 450 and 495 nanometres.

### green.html:

```
<!DOCTYPE html>
<html>

<body>
    <p>Green is the color between blue and yellow
on the visible spectrum. It is evoked by light which
has a dominant
        wavelength of roughly 495-570 nm.
    </p>
</body>
</html>
```

### Screenshot:



2.

a.

```
p {
    font-size: 150%;
    color: red;
}
```

b.

```
a:link {
    text-decoration: none ;
}

li.shift {
    margin-left: 3em;
}
```

c.

```
h1, h2 {
    padding: 0.8ems;
    border-style: dashed;
    margin: 0.8ems
}

h2 {
```

```
padding: 0.5ems;
border-style: dotted;
margin: 0.5ems
}
```

d.

```
h1 {
    color: blue
}

a {
    color:blue;
    text-decoration:none;
}

a:hover {
    color:yellow;
}
```

e.

```
h1, h2 {
    padding: 0.8ems;
    border-style: dashed;
    margin: 0.8ems
}

h2 {
    padding: 0.5ems;
    border-style: dotted;
    margin: 0.5ems
}
```

3.

a.

index.html:

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8" />
    <title>Question 3.a</title>
    <meta name="viewport"
content="width=device-width, initial-scale=1" />
```

```
        <link rel="stylesheet" type="text/css"
href="styles.css" />
</head>

<body>
    <h2 id="borderTitle">Borders</h2>
    <p>Thick Groove</p>
    <div id="divThickGroove"></div>
    <p>Medium Groove</p>
    <div id="divMediumGroove"></div>
    <p>Thin Groove</p>
    <div id="divThinGroove"></div>
    <p>Thin Red Inset</p>
    <div id="divThinRedInset"></div>
    <p>Medium Blue Onset</p>
    <div id="divMediumBlueOutset"></div>
</body>
</html>
```

### styles.css

```
p {
    margin-top: 30px;
}

#divThickGroove {
    border: thick groove;
}

#divMediumGroove {
    border: medium groove;
}

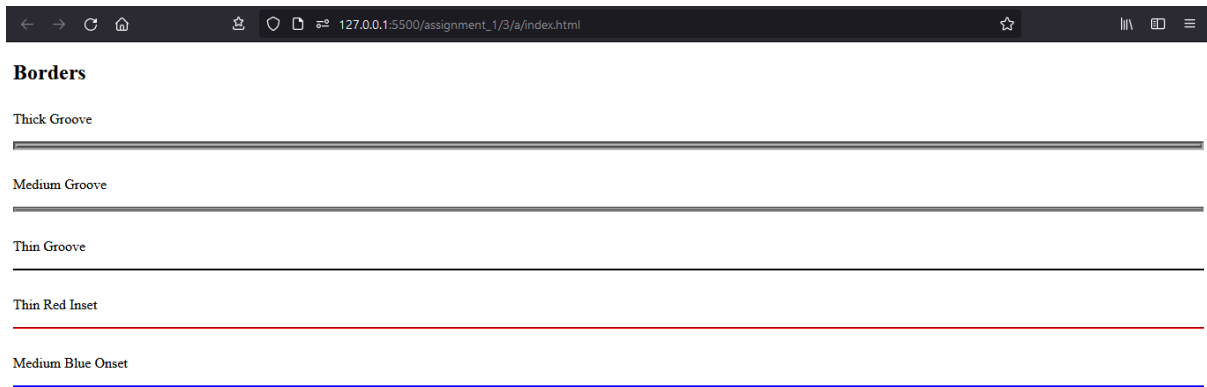
#divThinGroove {
    border: thin groove;
}

#divThinRedInset {
    border: thin red inset;
}

#divMediumBlueOutset {
    border: medium blue outset;
}
```



## Screenshot:



b.

### index.html

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8" />
    <title>Question 3.b</title>
    <meta name="viewport"
content="width=device-width, initial-scale=1" />
    <link rel="stylesheet" href="styles.css" />
</head>

<body>
    <h1>Header h1</h1>
    <h2>Header h2</h2>
    <p>Paragraph : Lorem ipsum dolor sit amet
consectetur adipisicing elit.Cupiditate omnis quas
placeat non qui iusto
    earum magni sint ut nisi culpadeserunt tempore
nulla maiores</p>
</body>

</html>
```

### styles.css

```
h1, h2 {
    font-size: 22pt; /* Setting font size as 22pt
*/
    color: green; /* Setting color as green */
}
```

```

        font-family: "Times New Roman", Times, serif;
/* Setting font as Times New Roman */
}

p {
    font-size: 12pt; /* Setting font size as 12pt
*/
    font-family: "Times New Roman", Times, serif;
/* Setting font as Times New Roman */
}

```

### Screenshot:



Header h1

Header h2

Paragraph : Lorem ipsum dolor sit amet consectetur adipisicing elit.Cupiditate omnis quas placeat non qui iusto earum magni sint ut nisi culpadeserunt tempore nulla maiores

c.

### index.html

```

<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8" />
    <title>Question 3.c</title>
    <meta name="viewport"
content="width=device-width, initial-scale=1" />
    <link rel="stylesheet" href="styles.css" />
</head>

<body>
    <h1>Header h1</h1>
    <p>Paragraph : Lorem ipsum dolor sit amet
consectetur adipisicing elit.Cupiditate omnis quas
placeat non qui iusto
        earum magni sint ut nisi culpadeserunt tempore
nulla maiores est eius, aliquam voluptas quasi.
Lorem ipsum dolor
        sit, amet consectetur</p>
</body>
</html>

```

### styles.css

```
body {
    font-size: 12px;
}

h1 {
    font-size: 1.2em;
    padding: 1em;
    background-color: pink;
    border: thin black solid;
}

p {
    font-size: 0.9em;
    padding: 1em;
    background-color: grey;
    border: thin black solid;
    color: white;
}
```

### Screenshot:



d.

```
body
{
    background: white;
    color: black;
}

input
{
    background: white;
    color: black;
    border: black;
}

a:link
{
    color: blue;
}
```

```

    }

    a:visited
    {
        color: purple;
    }

    a:active
    {
        color: red;
    }

```

e.

### index.html

```

<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8" />
    <title>Question 3.e</title>
    <meta name="viewport"
content="width=device-width, initial-scale=1" />
    <link rel="stylesheet" href="styles.css" />
</head>

<body>
    <nav>
        <ul>
            <li><a href="#">Link1</a></li>
            <li><a href="#">Link2</a></li>
            <li><a href="#">Link3</a></li>
            <li><a href="#">Link4</a></li>
        </ul>
    </nav>
</body>

</html>

```

### styles.css

```

nav
{
    border-bottom: thin solid;
    background-color: #f6f8f6;
}

```

```
}  
  
ul  
{  
    list-style-type: none;  
    padding: 0;  
    margin: 0;  
    padding-bottom: 10px;  
    padding-top: 10px;  
}  
  
li  
{  
    width: 100px;  
    text-align: center;  
    display: inline-block;  
    border: thin solid;  
    margin-left: 10px;  
}
```

Screenshot:

