DEPARTMENT OF COMPUTER SCIENCE

SCHOOL OF ENGINEERING AND TECHNOLOGY

PONDICHERRY UNIVERSITY

PUDUCHERRY-605014

INTERNET AND WEB TECHNOLOGY
LAB RECORD

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PONDICHERRY UNIVERSITY

CONTENTS

1.

a) Write a HTML code to generate following output

First Frame: Name and address		
Second frame Bulleted list of qualifications		Third frame Links to favourite sites
Fourth frame Scrolling message	Fifth frame Blinking reminders	Sixth frame Image

a)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Frames</title>
  <frameset rows="20%,40%,40%">
    <frame src="first.html"/>
    <frameset cols="50%,50%">
      <frame src="second.html" />
      <frame src="third.html"/>
    </frameset>
    <frameset cols="30%,30%,40%">
      <frame src="fourth.html" />
      <frame src="fifth.html" />
      <frame src="sixth.html" />
    </frameset>
  </frameset>
</head>
</html>
```

first.html

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

```
<head>
   <title>first frame</title>
</head>
<body bgcolor="orange">
   <center>
   <h3 >Surayya</h3>
   <p>Shuhaib Manzil, <br>Hosdurg Beach, Kanhangad
   </p>
</center>
</body>
</html>
```

second.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <title>Second frame</title>
</head>
<body bgcolor="bisque">
   <h2>Qualification</h2>
   <ul>
      <li>SSLC</li>
      <li>Plus Two</li>
      <li>Ug- Bsc Computer Science</li>
      <li>Pg- Master of Computer Application</li>
   </ul>
</body>
</html>
```

third.html

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

```
<head>
   <title>Third frame</title>
</head>
<body bgcolor="bisque">
   <h2>Favourite website</h2>
   <a href="https://www.google.com">Google</a>
   <br>
   <a href="https://www.in.pinterest.com">Pinterest</a>
</body>
</html>
```

fourth.html
```
<!DOCTYPE html>
<html lang="en">
<head>
   <title>fourth frame</title>
</head>
<body bgcolor="burlywood">
   <marquee behavior="scroll" direction="right">Congratulation!</marquee>
</body>
</html>
```
fifth.html
```
<!DOCTYPE html>
<html lang="en">
<head>
   <title>Fifth frame</title>
</head>
<body  bgcolor="burlywood">
<!--browser not supporting blink tag-->
 <blink> <p style="color:blue">New notification</p> </blink>
</body>
</html>
```
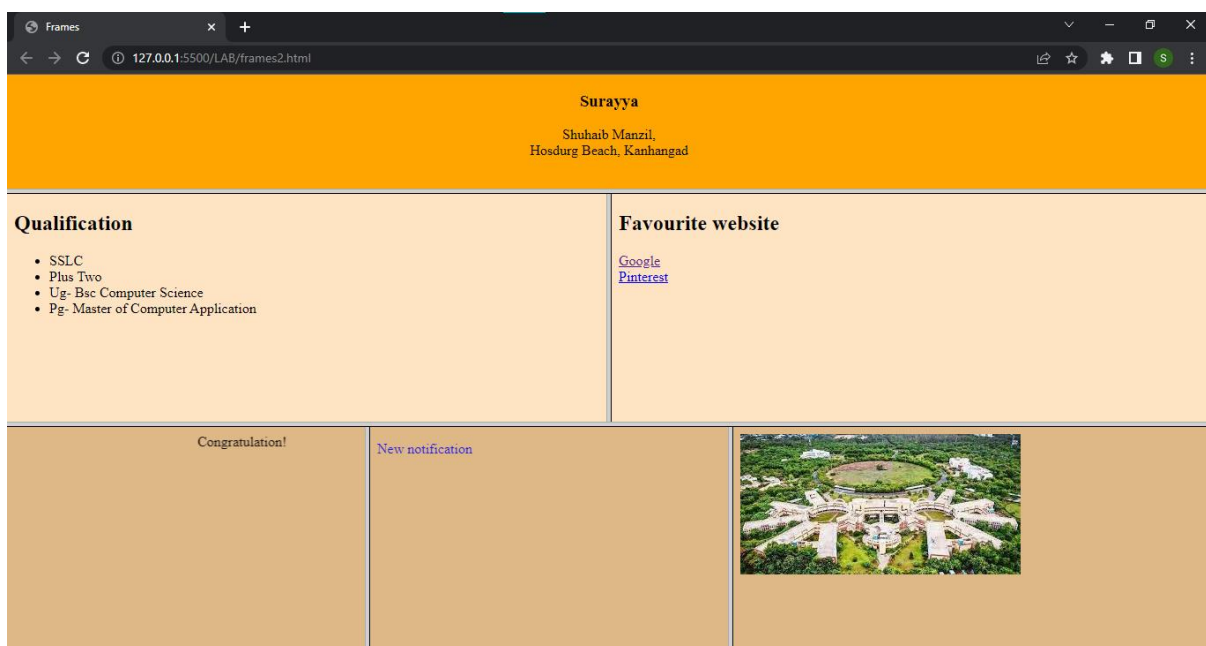
sixth.html

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>Sixth frame</title>

</head>

<body bgcolor="burlywood">

    <img src="downloadimg.jpg" alt="PU picture">

</body>

</html>
```

OUTPUT

2.

a)Write a HTML code to generate following output.

2. Write the HTML code which generates the following output.

Country	Population (In Crores)	
INDIA	1998	85
	1999	90
	2000	100
USA	1998	30
	1999	35
	2000	40
UK	1998	25
	1999	30
	2000	35

b) **Create an html page with all the different text styles (bold, italic and underlined) and its combinations on separate lines. State style of each line in its text.**

a)

<!DOCTYPE html>

<html lang="en">

<head>

   <title>table</title>

</head>

<body align="center">

a)

   <center>

   <table cellspacing="0px" border="1px" width="400" cellpadding="2px" style="border-collapse:collapse" >

     <tr>

       <th align="right">Country</th>

       <th colspan="2" align="center">Population (In Crores)</th>

     </tr>

     <tr align="right">

       <td rowspan="3">INDIA</td>

       <td>1998</td>

       <td>85</td>

```
        </tr>
        <tr align="right">
          <td>1999</td>
        <td>90</td>
        </tr>
        <tr align="right">
        <td>2000</td>
        <td>100</td>
</tr>
</tr>
<tr align="right">
        <td rowspan="3">USA</td>
        <td>1998</td>
        <td>30</td>
        </tr>
        <tr align="right">
          <td>1999</td>
        <td>35</td>
        </tr>
        <tr align="right">
        <td>2000</td>
        <td>40</td>
</tr>
</tr>
<tr align="right">
        <td rowspan="3">UK</td>
        <td>1998</td>
        <td>25</td>
        </tr>
        <tr align="right">
          <td>1999</td>
        <td>30</td>
```
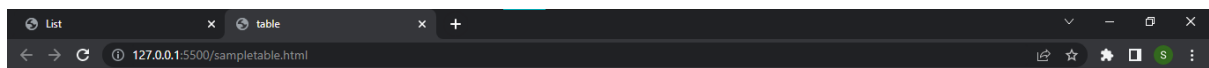
```
            </tr>

            <tr align="right">

            <td>2000</td>

            <td>35</td>

        </tr>

        </tr>

    </table></center><br>
```

b)

```
    <p><i>This is italic</i></p>

    <p><b>This is bold</b></p>

    <p><u>underlined text</u></p>

    <p><u><b><i>This is combination of italic,bold and underlined</i></b></u></p>

</body>

</html>
```

OUTPUT

3.

a) Write a HTML code to generate following output


```
<!DOCTYPE html>
<html lang="en">
<head>
   <title>form 1</title>
</head>
<body align="center>
   <h2>Registration Form</h2>
      <form action="">
      <table align="center">
        <tr>
           <td align="right"> Username </td>
        <td> <input type="text" name="" id=""></td>
        </tr>
        <tr>
           <td align="right">Password</td>
        <td> <input type="password" name="" id=""></td>
        </tr>
        <tr>
           <td align="right">Confirm Password</td>
        <td> <input type="password" name="" id=""></td>
        </tr>
        <tr>
           <td align="right">First Name</td>
```

```
        <td> <input type="text" name="" id=""></td>
      </tr>
      <tr>
        <td align="right">Last Name</td>
        <td> <input type="text" name="" id=""></td>
      </tr>
      <tr>
        <td align="right">Email</td>
        <td> <input type="email" name="" id=""></td>
      </tr>
      <tr>
        <td align="right">Phone No</td>
        <td> <input type="text" name="" id=""></td>
      </tr>
      <tr>
        <td align="right">Location</td>
        <td> <input type="text" name="" id=""></td>
      </tr>
      <tr></tr>
      <tr>
        <td></td>
        <td align="left"> <button>save</button>
        <input type="reset" name="" id=""></td>
      </tr>
    </table>
    </form>
</body>
</html>
```

OUTPUT

b) Write a HTML code to generate following output


```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Frames</title>
    <frameset rows="20%,80%">
        <frame src="topframe.html"/>
        <frameset cols="50%,50%">
        <frame src="lframe.html"/>
        <frame src="rframe.html" />
    </frameset>
    </frameset>
```

```
</head>

</html>
```

topframe.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <title>top frame</title>

  <style>

    Body{

      color: white;

      font-family: Arial, Helvetica, sans-serif;

    }

  </style>

</head>

<body bgcolor="red">

 <center> <h1>Top Frame</h1></center>

</body>

</html>
```

lframe.html

```
<!DOCTYPE html>

<html lang="en">

<head>

  <title>left frame</title>

  <style>

    body{

      margin-top: 40%;

      color: white;

      font-family: Arial, Helvetica, sans-serif;


    }

  </style>
```

```
</head>
<body bgcolor="orange">
  <center> <h1>Left Frame</h1></center>
</body>
</html>
```

rframe.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <title>right frame</title>
   <style>
     body{

        color: white;
        margin-top: 40%;

        font-family: Arial, Helvetica, sans-serif;
     }
   </style>
</head>
<body bgcolor="orange">
  <center><h1>Right Frame</h1></center>
</body>
</html>
```
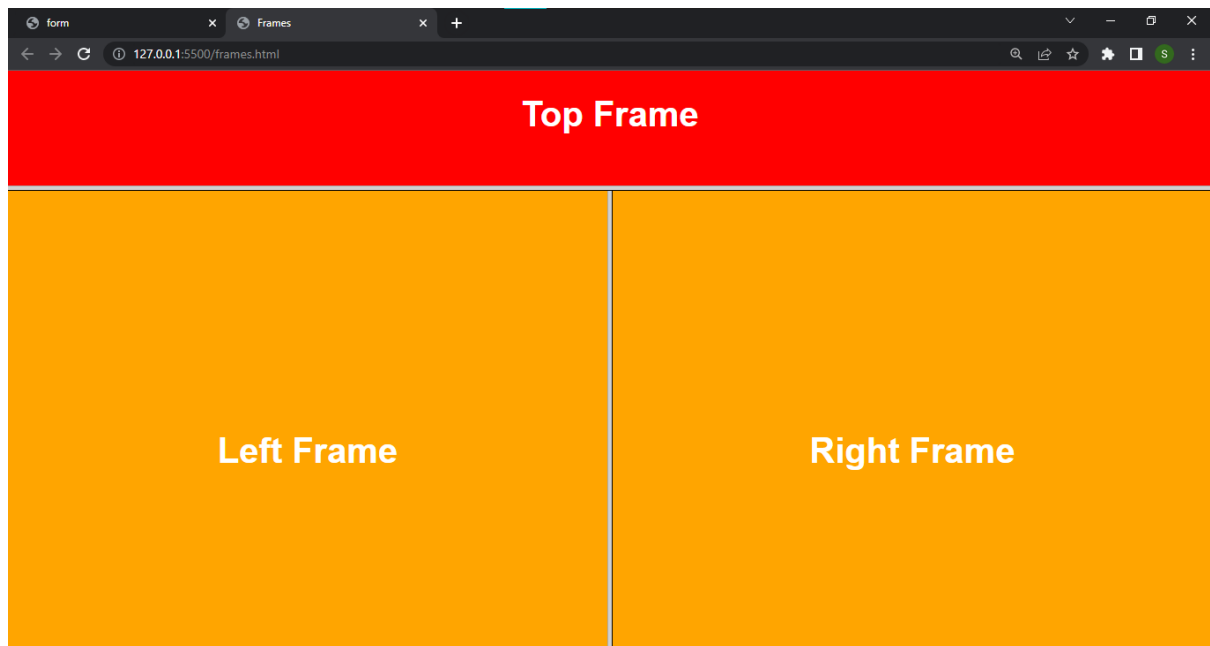
OUTPUT

4.

a)Write a HTML code to generate following output.

<!DOCTYPE html>

<html lang="en">

<head>

   <title>form</title>

```html
    <style>
      .form-box
      {
        margin: 100px 200px;
        border: 1px solid black;
        width: 500px;
        padding: 30px;
      }
      label
      {
        padding-right: 20px;
      }
    </style>
</head>
<body>
  <div class="form-box">
    <label for=""> Enter Name of your friend</label>
    <input type="text" name="" id="">
    <br><br>
    <label for="">    Choose the file you want to post to your friend</label>
    <br><br>
    <input type="text" />
    <input type="file" >
    <br><br>
    <label for="">What does the file contain?</label>
    <br><br>
    <input type="checkbox" name="" id="">
    <label for="">Image</label>
    <input type="checkbox" name="" id="">
    <label for="">Source code</label>
    <input type="checkbox" name="" id="">
    <label for="">Binary code</label>
```
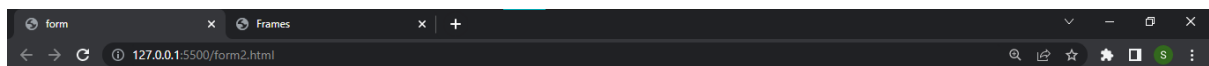

You have Completed the Form.

<button>Submit Query</button>

</form>

</div>

</body>

</html>

OUTPUT

---

5. HTML Program to implement list, image alignment and hyperlink

<!DOCTYPE html>

<html lang="en">

<head>

  <title>List</title>

</head>

```
<body>
   <h3>List of courses</h3>
   <ul>
      <li>web technology</li>
      <li>software engineer</li>
   </ul>
   <br>
   <h3>Departments</h3>
   <ol>
     <li>sociology</li>
     <li>computer science</li>
   </ol>
   <h3>Faculties</h3>
   <dl>
      <dt>Dr.Akhila</dt>
      <dd>Assistant Professor</dd>
      <dt>Thabsheera</dt>
      <dd>Guest Lecture</dd>
   </dl>
  <hr>
  <h3>Image alignment and hyperlink</h3>
  <a   href="https://www.pondiuni.edu.in"><img   src="downloadimg.jpg"   alt="PU"   width="200"
height="100" align="right"></a>
  <p>Pondicherry University. Click the image on right to go University Site</p>
  <br>
  <img src="downloadimg.jpg" alt="PU" width="200" height="100" align="left">
  <p>Its a central university</p>
</body>
</html>
```
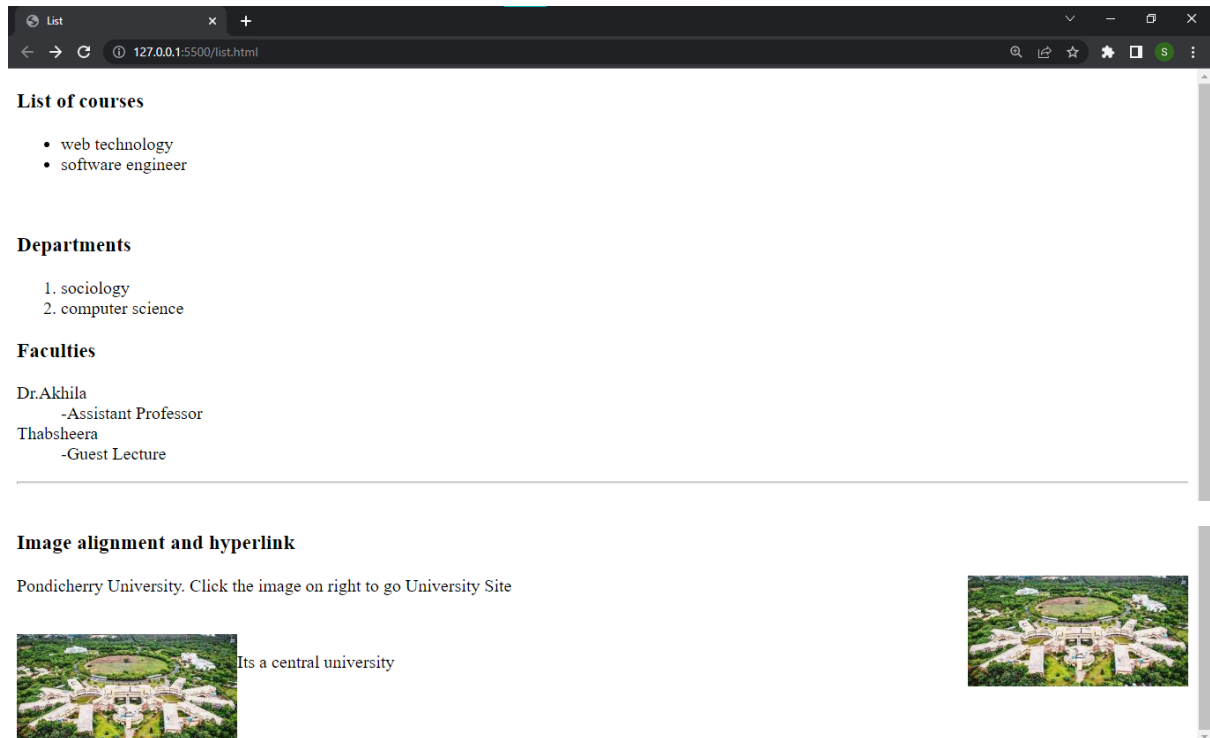
OUTPUT

CSS

1.Login Page using CSS

<!DOCTYPE html>

<html lang="en">

<head>

   <link rel="stylesheet" href="loginStyle.css">

   <title>Login</title>

</head>

<body>

```html
    <div class="login">
      <div id="login-head">
       <h3>Login</h3>
       <hr>
      </div>
      <div id="content">
      <form action="">
         <label for="">Username</label>
         <br>
         <input type="text">
         <br><br>
         <label for="">Password</label>
         <br>
         <input type="password">
          <br><br>
         <button type="submit">Login</button>
      </form>
      </div>
    </div>
</body>
</html>
```

loginStyle.css

```css
body
{
   padding: 0;
   margin: 0;
   background-image: url(element5-digital-OyCl7Y4y0Bk-unsplash.jpg);
   background-size: cover;
   background-position: center;
   background-repeat: repeat;
   font-family:Arial, Helvetica, sans-serif;
}
```
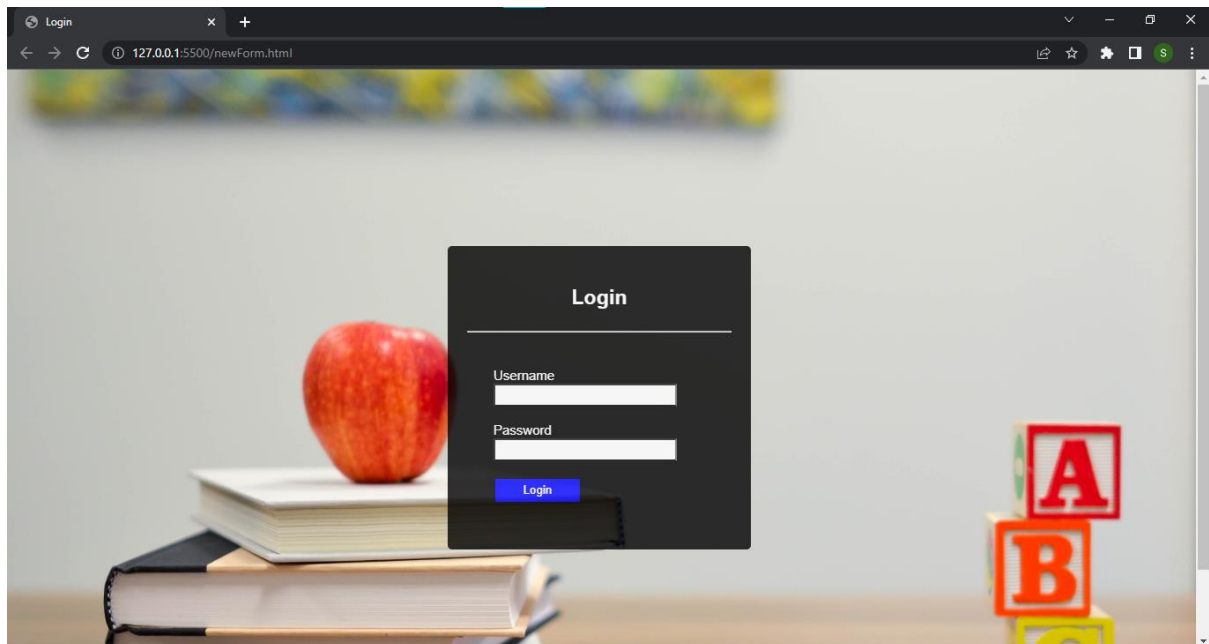
```css
.login
{
   margin: 200px 500px;
   border: 2px solid black;
   background-color: black;
   opacity:0.8;
   width: 300px;
   height: auto;
   padding: 20px;
   border-radius: 5px;
   color: white;

}
#login-head
{
   text-align: center;
   text-transform: capitalize;


   font-size: 20px;
}
label
{
 font-size: 15px;
 padding-bottom: 20px;
}
#content
{
   padding: 30px;
}
input
{
   height: 20px;
```

```
    width: 200px;

    border-bottom: 2px solid black;

}

button{

    width: 100px;

    height: 30px;

    background-color: blue;

    color: white;

}

button:hover

{

    background-color: white;

    color:blue;

}
```

OUTPUT

2.Table using CSS

```
<!DOCTYPE html>

<html lang="en">
```

```html
<head>
  <title>Student table</title>
  <link rel="stylesheet" href="tablecss.css">
</head>
<body>
  <h1>Student Details</h1>
  <div class="box">

    <table>
      <tr>
        <th>Register Number</th>
        <th>Name</th>
        <th>Course</th>
      </tr>
      <tr>
        <td>21352060</td>
        <td>Surayya</td>
        <td>MCA</td>
      </tr>
      <tr>
        <td>21352012</td>
        <td>Fahima Rasheed</td>
        <td>MCA</td>
      </tr>
      <tr>
        <td>21352052</td>
        <td>Shilpa Pavithran</td>
        <td>MCA</td>
      </tr>
      <tr>
        <td>21352018</td>
        <td>Jebin Peter</td>
```

```
      <td>MCA</td>
    </tr>
    <tr>
      <td>21352028</td>
      <td>Manu Narayanan</td>
      <td>MCA</td>
    </tr>




    </table>
  </div>
</body>
</html>
```

tablecss.css

```css
body{
    margin: 0;
    padding: 0;
    font-family: Arial, Helvetica, sans-serif;
}
h1{
    text-align: center;


}
.box
{
    margin:150px 350px;
    color: white;
}
table{
    width: 600px;
    color: black;
```

```
}
table,th,td{
    border: 2px solid black;
   border-collapse: collapse;
   padding: 5px;


}
th{
   background-color: rgb(36, 36, 71);
   color: white;
}


tr:nth-child(even){
   background-color: #b6b2ae;
}
tr:hover{
   background-color: green;
   color: white;


}
```
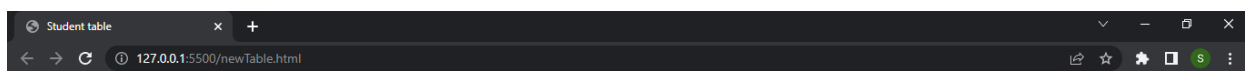
OUTPUT

Student Details

Register Number	Name	Course
21352060	Surayya	MCA
21352012	Fahima Rasheed	MCA
21352052	Shilpa Pavithran	MCA
21352018	Jebin Peter	MCA
21352028	Manu Narayanan	MCA

3. Program for image shadow using css

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Shadow image</title>
    <link rel="stylesheet" href="shadowcss.css">


</head>
<body>
    <h1>shadow image over mouse hover</h1>
    <hr>


    <div id="img-box">
    <img src="element5-digital-OyCl7Y4y0Bk-unsplash.jpg" alt="">
</div>


</body>
</html>
```
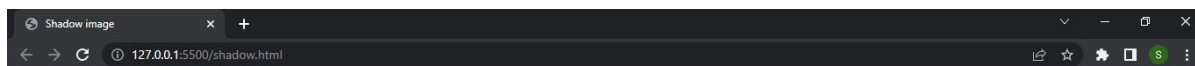
shadowcss.css

```
body{
    text-align: center;
}
#img-box{
    margin: 150px 400px;
}
#img-box,img{
    width:250px;
    height: 200px;
```

```
}
hr{
    width: 400px;
    background-color: black;
}
#img-box:hover{
    box-shadow: 0 16px 20px 0 rgba(0,0,0,0.2),0 6px 20px 0 rgba(0,0,0,0.19);
}
```

OUTPUT

4. Program for object moving using css animation

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Document</title>
    <link rel="stylesheet" href="animationstyle.css">
</head>
<body>
    <h1>Moving object using CSS animation</h1>
    <div class="square"></div>
```

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

animationstyle.css

```css
body{
    background-color: bisque;
}
.square
{
    width:100px;
    height: 80px;
    background-color: green;
    box-shadow: 10px 10px 5px #aaaaaa;
    position: relative;
    top: 100px;
    left: 500px;
    animation: moving;
    animation-duration: 5s;
    animation-iteration-count: infinite;

}
h1{
    text-align: center;
}
@keyframes moving
{
    0%{
        left:500px;
        top: 100px;
    }
    25%
    {
        left:700px;
```
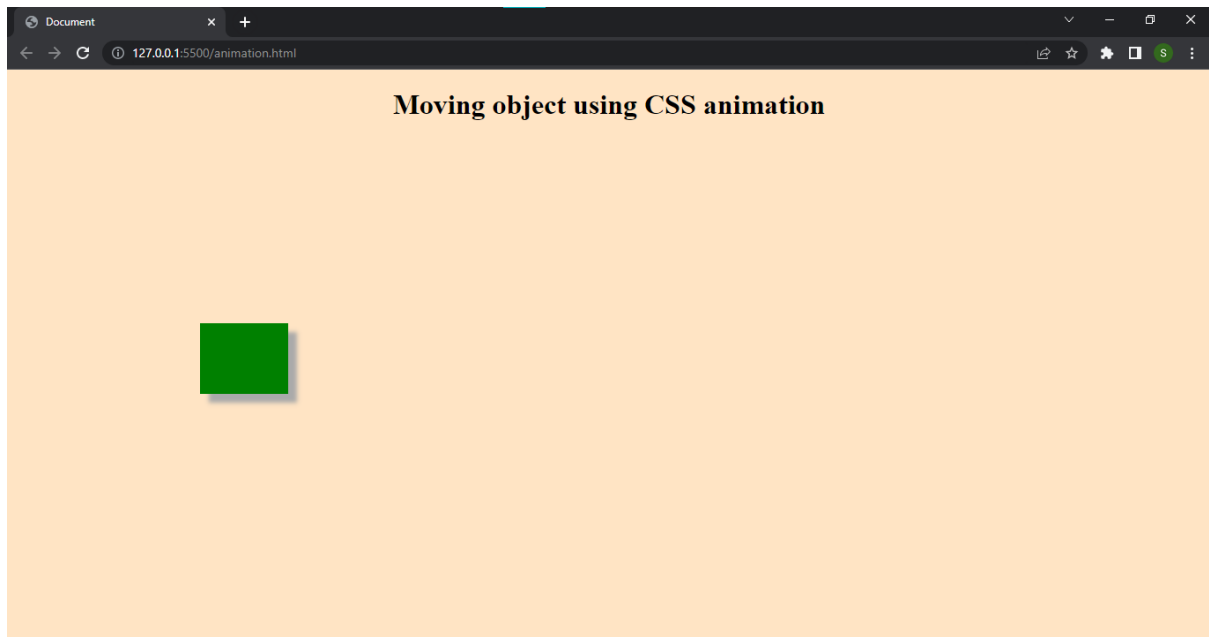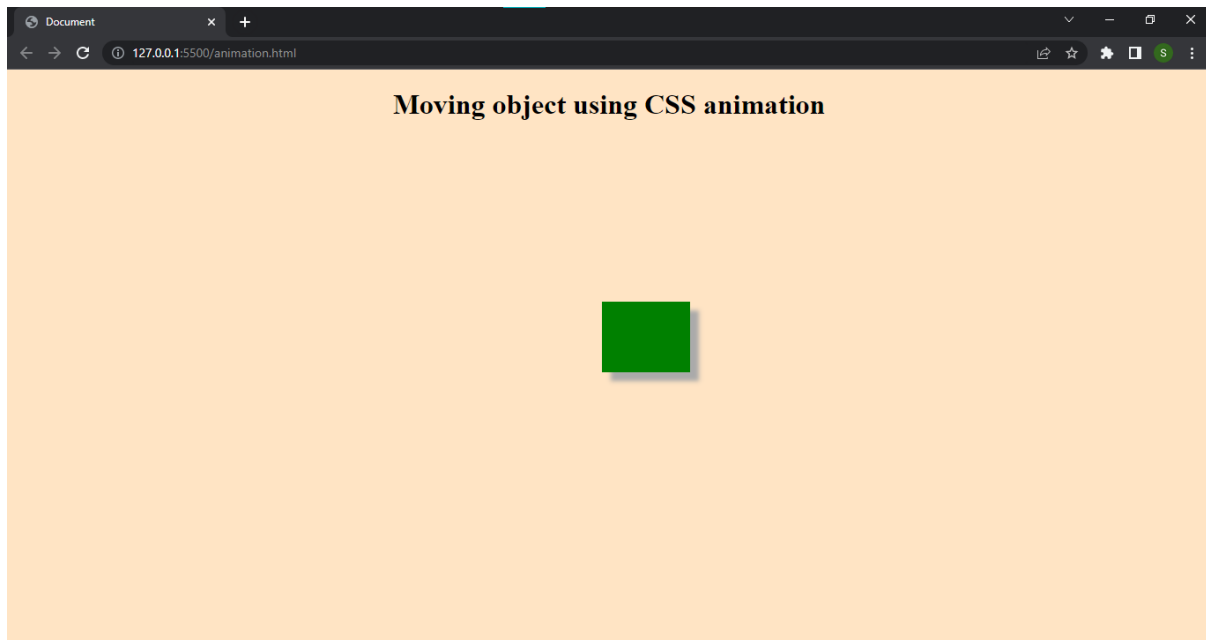
```
        top: 200px;


    }
    50%{

        left:500px;

        top:400px;

    }
    75%{

        left: 200px;

        top:200px;

    }
    100%{

        left:500px;

        top: 100px;

    }
}
```

OUTPUT

5.Image reflection and flip using css

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>Image reflection</title>

    <link rel="stylesheet" href="imagereflection.css">

</head>

<body>

    <p>This image is a flipped image having reflection property</p>

    <img src="horse.png" alt="" width="200px" height="200px">

</body>

</html>
```

imagereflection.css

```
img{

  margin: 50px 300px;

  -webkit-box-reflect:below 0px linear-gradient(to bottom,rgba(0,0,0,0.0),rgba(0,0,0,0.4));

  -webkit-transform: scaleX(-1);

  transform: scaleX(-1);

}
```

```
p{

   margin: 50px;

   font-size: 20px;

}
```

OUTPUT

This image is a flipped image having reflection property