



**SAVITRIBAI PHULE PUNE UNIVERSITY**  
(Formerly University of Pune)

# **M.sc.(COMPUTER SCIENCE)**

## **CS-511-MJP Laboratory Course on AD & WT Semester I**

**Academic Year 2024–2025**

<b>Name of Student</b>			
<b>Name of College</b>			
<b>Roll No.</b>		<b>Exam Seat No.</b>	
<b>Academic Year</b>		<b>Division</b>	

# *Certificate*

This is to certify that Mr./Ms -----

----- University Exam Seat  
Number

----- has successfully completed the assignment for the Lab  
Course (Web Technology ) during the Academic Year -----

His /Her performance was Very good / good / satisfactory /poor.

Head

Teacher In charge

Dept. of Computer Science

Internal Examiner

External Examiner

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## Assignment No 1

1) Write the HTML5 code for generating the form as shown below. Apply the internal CSS to the following form to change the font size of the heading to 6pt and change the color to red and also change the background color to yellow.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Slip No 1</title>
    <style>
      form{
        background-color:aqua;
        padding:5px;
        width:500px;
        height:auto;
        margin:auto;
      }
      .class1{
        padding:15px;
      }
      .class2{
        width:180px;
      }
```

```
h2{  
    text-align:center;  
    font-size:6pt;  
    background-color:yellow;  
    color:red;  
    width:500px;  
    height:auto;  
    margin:auto;  
    text-decoration:underline;  
    margin-bottom:10px;  
}  
.clear{  
    background-color:#145cd8;  
    color:white;  
    border:none;  
    padding:2px;  
    width:65px;  
    margin-left:25px;  
    margin-bottom:10px;  
    border-radius:2px;  
}  
.submit{  
    background-color:green;
```

```

        color:white;
        border:none;
        padding:2px;
        width:65px;
        margin-left:70px;
        border-radius:2px;
    }
</style>
</head>
<body>
    <h2>Project management</h2>
    <form>
        <label for="pname" class="class1">Project name</label>
        <input type="text" id="pname" name="pname"
placeholder="project name" class="class2">
        <br>
        <br>
        <label for="Assign" class="class1">Assigned to</label>
        <select id="Assign" class="class2">
            <option value="" selected hidden disabled></option>
            <option value="krushna barhate">Krushna Barhate</option>
            <option value="pratik dighe">Partik Dighe</option>
            <option value="abhishek chehare">Abhishek
Chehare</option>

```

```
<option value="om desai">Om Desai</option>
</select>
<br>
<br>
<label for="Sdate" class="class1">Start Date</label>
<input type="date" id="Sdate" name="Sdate"
placeholder="dd-mm-yyyy" class="class2">
<br>
<br>
<label for="Edate" class="class1">End Date</label>
<input type="date" id="Edate" name="Edate"
palceholder="dd-mm-yyyy" class="class2">
<br>
<br>
<label for="priority" class="class1">Priority</label>
<input type="radio" id="priority" name="priority">High
<input type="radio" id="priority" name="priority">Average
<input type="radio" id="priority" name="priority">Low
<br>
<br>
<label for="Description" class="class1">Description</label>
<textarea name="Description" cols="25" rows=""
id="Description"></textarea>
<br>
```

```
<br>
<input type="submit" value="submit" class="submit">
<input type="reset" value="clear" class="clear">
</form>
</body>
</html>
```



**Output :**

**Project management**

Project name

project name

Assigned to

Start Date

mm/dd/yyyy

End Date

mm/dd/yyyy

Priority

☐ High ☐ Average ☐ Low

Description

submit

clear

## Assignment No 2

2) Create a container add row inside it and add 3 columns inside row using Bootstrap.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Slip No 2</title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-  
scale=1, shrink-to-fit=no">
```

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

```
</head>
```

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

```
<div class="row">
```

```
<div class="col-md-4">
```

Column 1

```
</div>
```

```
<div class="col-md-4">
```

Column 2

```
</div>
```

```
<div class="col-md-4">
```

Column 3

```
</div>
```

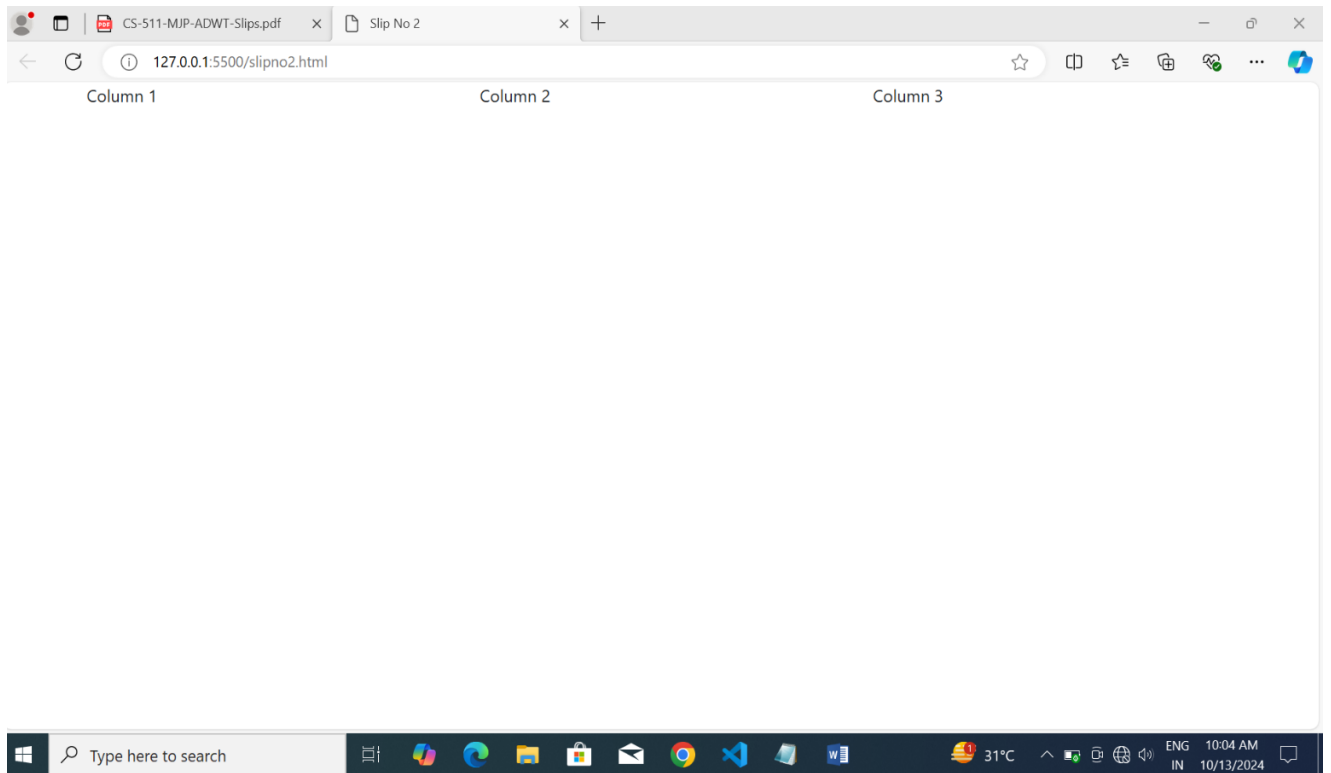
```
</div>
```

**</div>**

**</body>**

**</html>**

## Output :



### Assignment No 3

3) Write a bootstrap application to display thumbnails of the images.

```
<!DOCTYPE html>

<html>

<head>

<title>Slip No 3 </title>

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

</head>

<body>

<div class="container">

    <h2>Rounded Corners</h2>

    <h2>circle</h2>

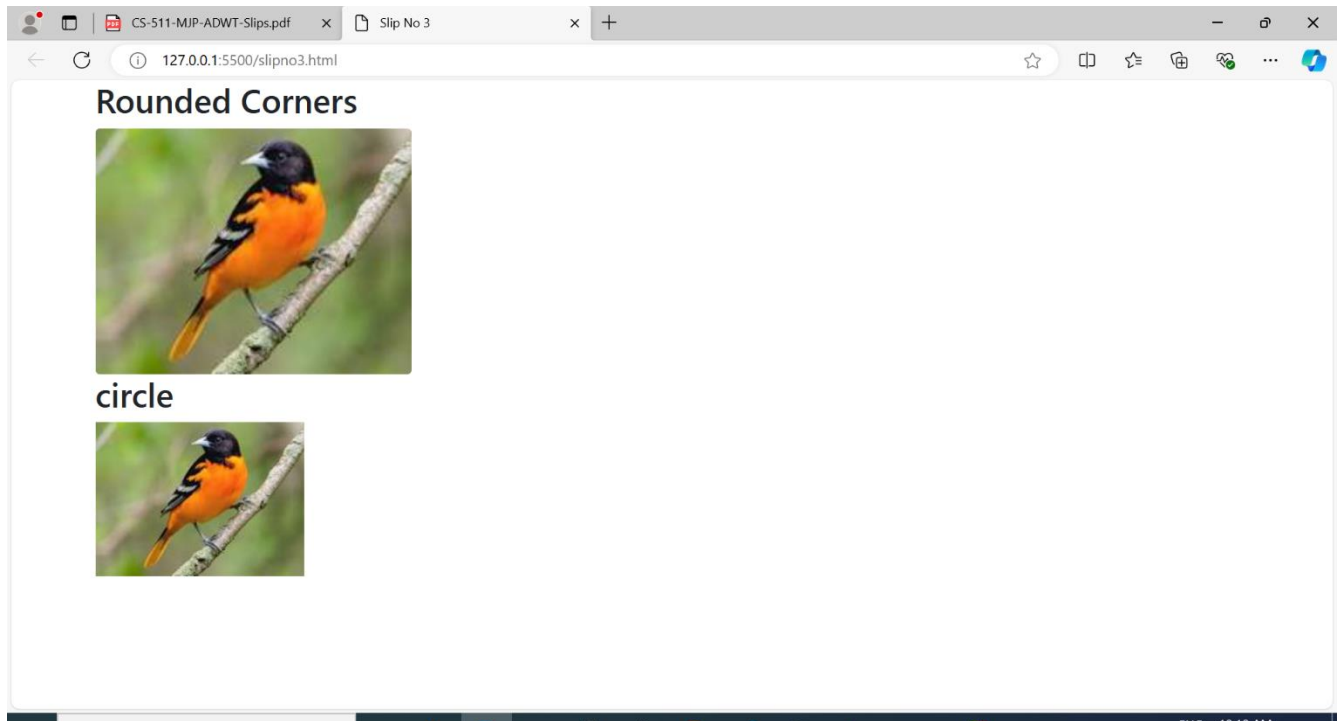
    

</div>

</body>

</html>
```

## Output :



## Assignment No 4

4) Write a bootstrap program for the following “The .table class adds basic styling (light padding and only horizontal dividers) to a table” The table can have the first name, last name, and email id as columns.

```
<!DOCTYPE html>

<html>

<head>

<title>Slip No 4</title>

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

</head>

<body>

<div class="container">

    <h2>Tabel Hover</h2>

    <table class="table table-hover">

        <thead>

            <tr>

                <th>Firstname</th>

                <th>Lastname</th>

                <th>Email</th>

            </tr>

        </thead>

        <tbody>

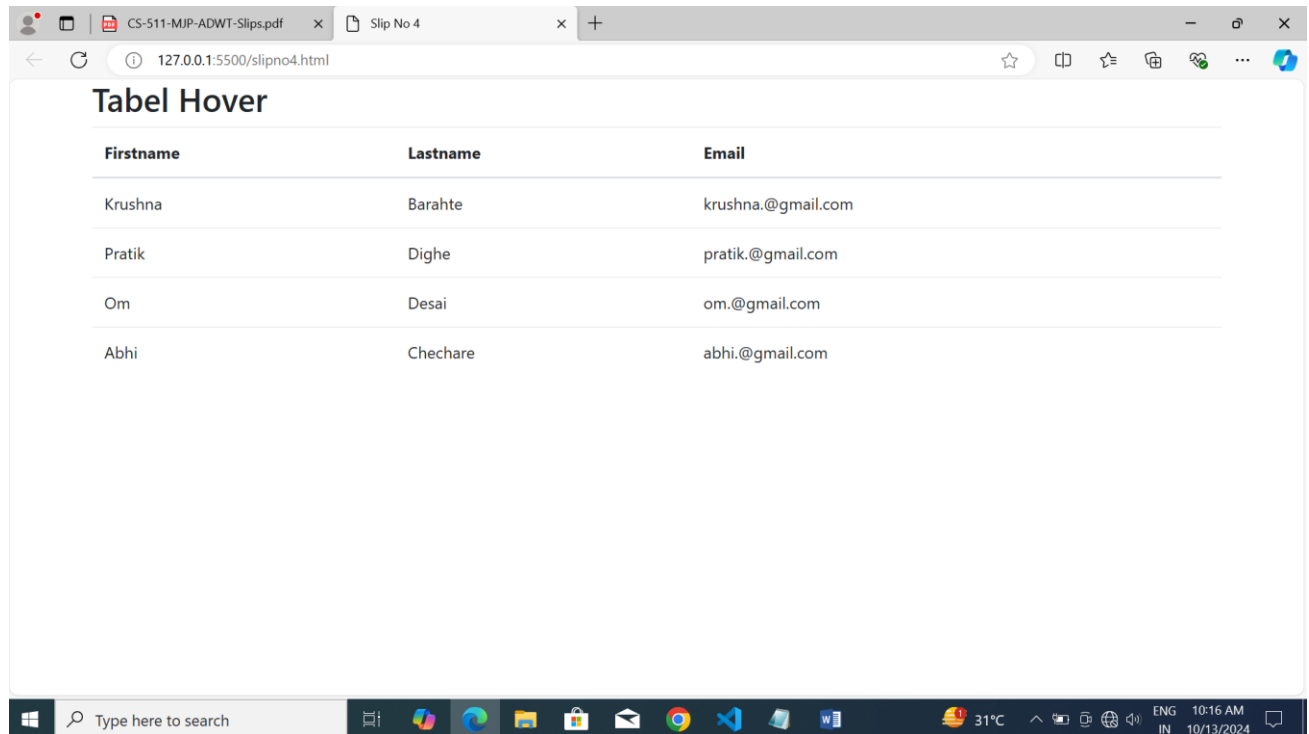
            <tr>

                <td>Krushna</td>
```

```
<td>Barahte</td>
<td>krushna.@gmail.com</td>
</tr>
<tr>
<td>Pratik</td>
<td>Dighe</td>
<td>pratik.@gmail.com</td>
</tr>
<tr>
<td>Om</td>
<td>Desai</td>
<td>om.@gmail.com</td>
</tr>
<tr>
<td>Abhi</td>
<td>Chechare</td>
<td>abhi.@gmail.com</td>
</tr>
</tbody>
</table>
</div>
</body>
</html>
```



## Output :



The screenshot displays a web browser window with two tabs: 'CS-511-MJP-ADWT-Slips.pdf' and 'Slip No 4'. The address bar shows the URL '127.0.0.1:5500/slipno4.html'. The main content area features a table titled 'Tabel Hover' with three columns: 'Firstname', 'Lastname', and 'Email'. The table contains four rows of data. Below the table, the Windows taskbar is visible, showing the search bar and various application icons.

Firstname	Lastname	Email
Krushna	Barahte	krushna@gmail.com
Pratik	Dighe	pratik@gmail.com
Om	Desai	om@gmail.com
Abhi	Chehare	abhi@gmail.com

## Assignment No 5

5) Write a HTML code, which generate the following output [ Apply border, border radius tags ].

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Slip no 5</title>
```

```
    <style>
```

```
      table,th,td{
```

```
        border:2px solid black;
```

```
        border-collapse:collapse;
```

```
      }
```

```
    </style>
```

```
  </head>
```

```
  <body>
```

```
    <table style="width:100%">
```

```
      <tr>
```

```
        <th colspan="4">List of Persons</th>
```

```
      </tr>
```

```
      <tr>
```

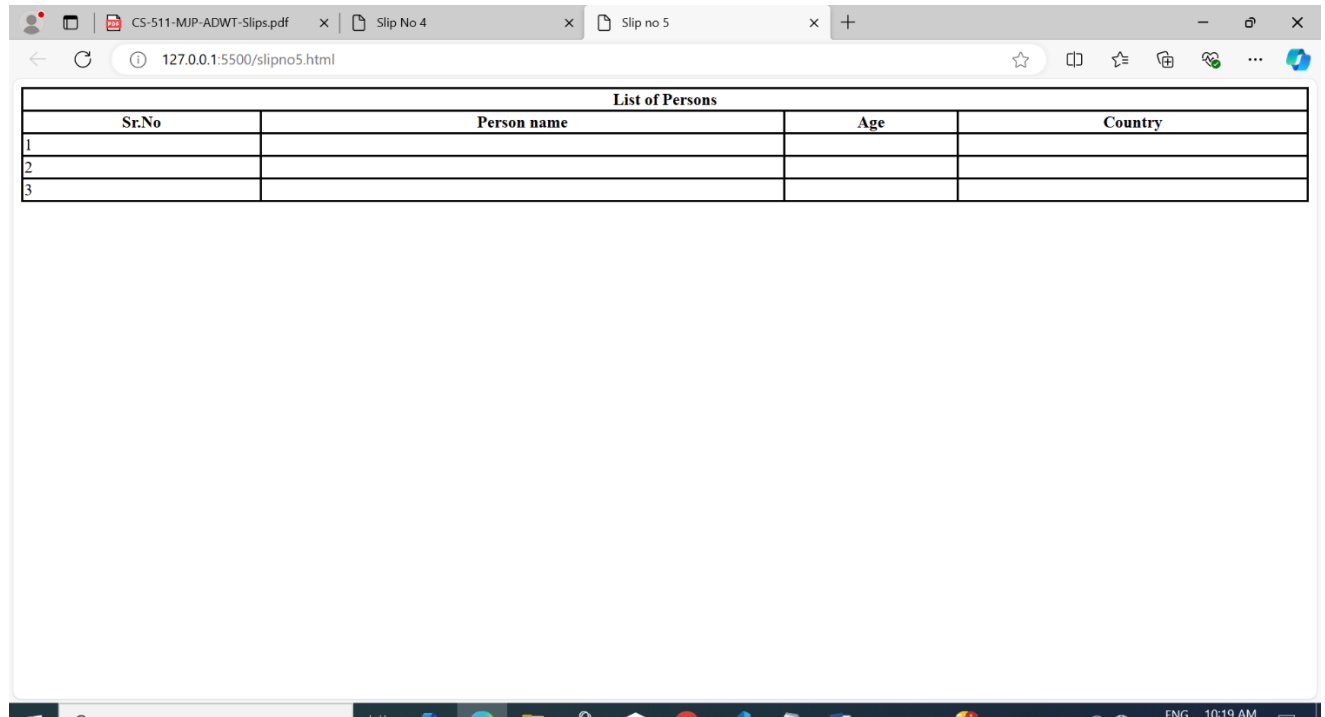
```
        <th>Sr.No</th>
```

```
        <th>Person name</th>
```

```
        <th>Age</th>
```

```
        <th>Country</th>
    </tr>
    <tr>
        <td>1</td>
        <td></td>
        <td></td>
        <td></td>
    </tr>
    <tr>
        <td>2</td>
        <td></td>
        <td></td>
        <td></td>
    </tr>
    <tr>
        <td>3</td>
        <td></td>
        <td></td>
        <td></td>
    </tr>
</table>
</body>
</html>
```

## Output :



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5500/slipno5.html". The browser tabs include "CS-511-MIP-ADWT-Slips.pdf", "Slip No 4", and "Slip no 5". The main content area displays a table titled "List of Persons". The table has four columns: "Sr.No", "Person name", "Age", and "Country". There are three empty rows for data entry, with the first row starting with the number "1" in the "Sr.No" column.

List of Persons			
Sr.No	Person name	Age	Country
1			
2			
3			

## Assignment No 6

6) Create a web page being rendered in the browser consists of many things - logo, informative text, pictures, hyperlinks, navigational structure and table.

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
  <title>Slip No 6</title>
```

```
  <style>
```

```
    body {
```

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

```
    }
```

```
    nav {
```

```
      background-color: #DDD;
```

```
      color: #fff;
```

```
      padding: 1em;
```

```
      text-align: center;
```

```
    }
```

```
    nav ul {
```

```
      list-style: none;
```

```
    margin: 0;
    padding: 0;
}
nav li {
    display: inline-block;
    margin-right: 20px;
}
table {
    border-collapse: collapse;
    width: 100%;
}
th, td {
    border: 1px solid #ddd;
    padding: 10px;
    text-align: left;
}
th {
    background-color: #f0f0f0;
}
</style>
</head>
<body>
    <div style="text-align: center; margin-bottom: 20px;">
```

```

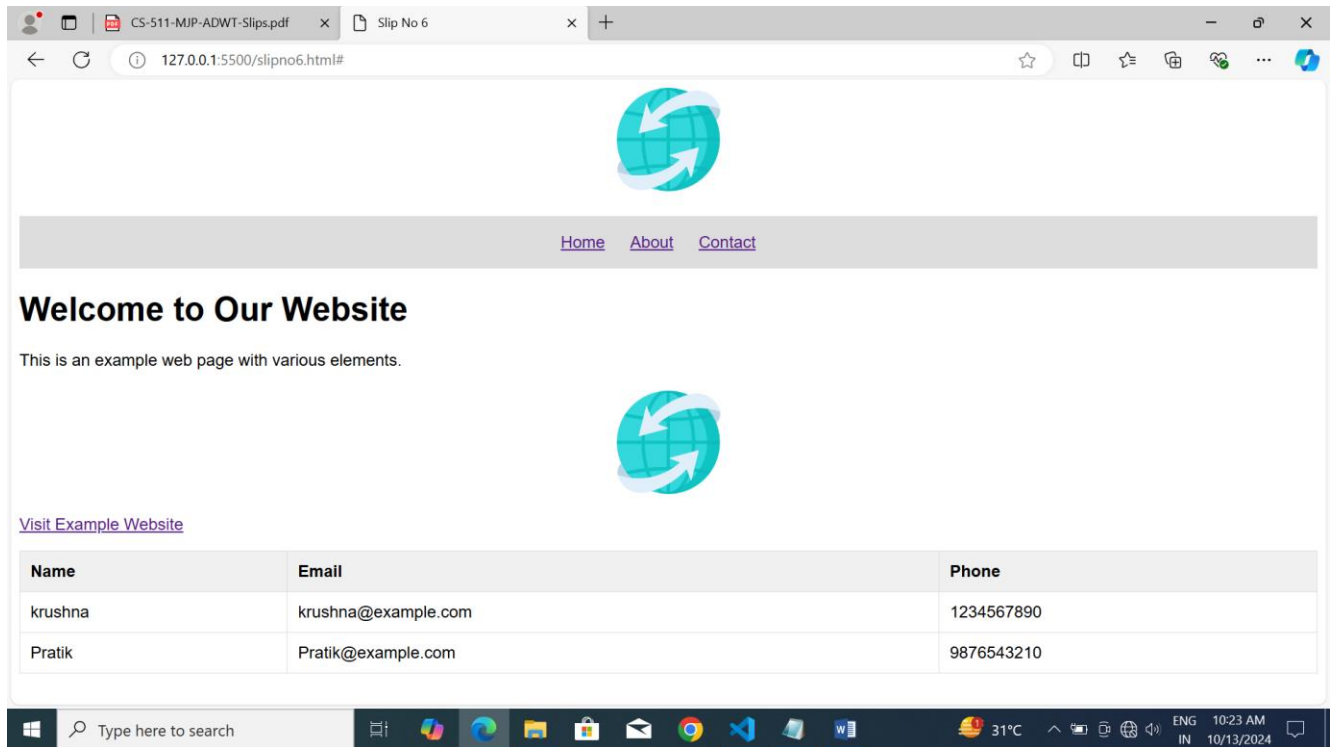
</div>
<nav>
  <ul>
    <li><a href="#">Home</a></li>
    <li><a href="#">About</a></li>
    <li><a href="#">Contact</a></li>
  </ul>
</nav>
<h1>Welcome to Our Website</h1>
<p>This is an example web page with various elements.</p>

<p><a href="#">Visit Example Website</a></p>
<table>
  <tr>
    <th>Name</th>
    <th>Email</th>
    <th>Phone</th>
  </tr>
  <tr>
    <td>krushna</td>
    <td>krushna@example.com</td>
```

```
<td>1234567890</td>
</tr>
<tr>
  <td>Pratik</td>
  <td>Pratik@example.com</td>
  <td>9876543210</td>
</tr>
</table>
</body>
</html>
```



## Output :



## Assignment No 7

7) Create a 3D text, apply appropriate font, style, color. Use : Hover in the style selector so that the 3D effects appear only when you hover over the text.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Slip No 7</title>
```

```
  <style>
```

```
    body {
```

```
      background-color: #f2f2f2;
```

```
    }
```

```
    .three-d-text {
```

```
      font-size: 50px;
```

```
      font-weight: bold;
```

```
      color: #000;
```

```
      transition: all 0.5s ease;
```

```
      transform: rotateY(0deg);
```

```
      transform-style: preserve-3d;
```

```
      text-align: center;
```

```
      margin-top: 200px;
```

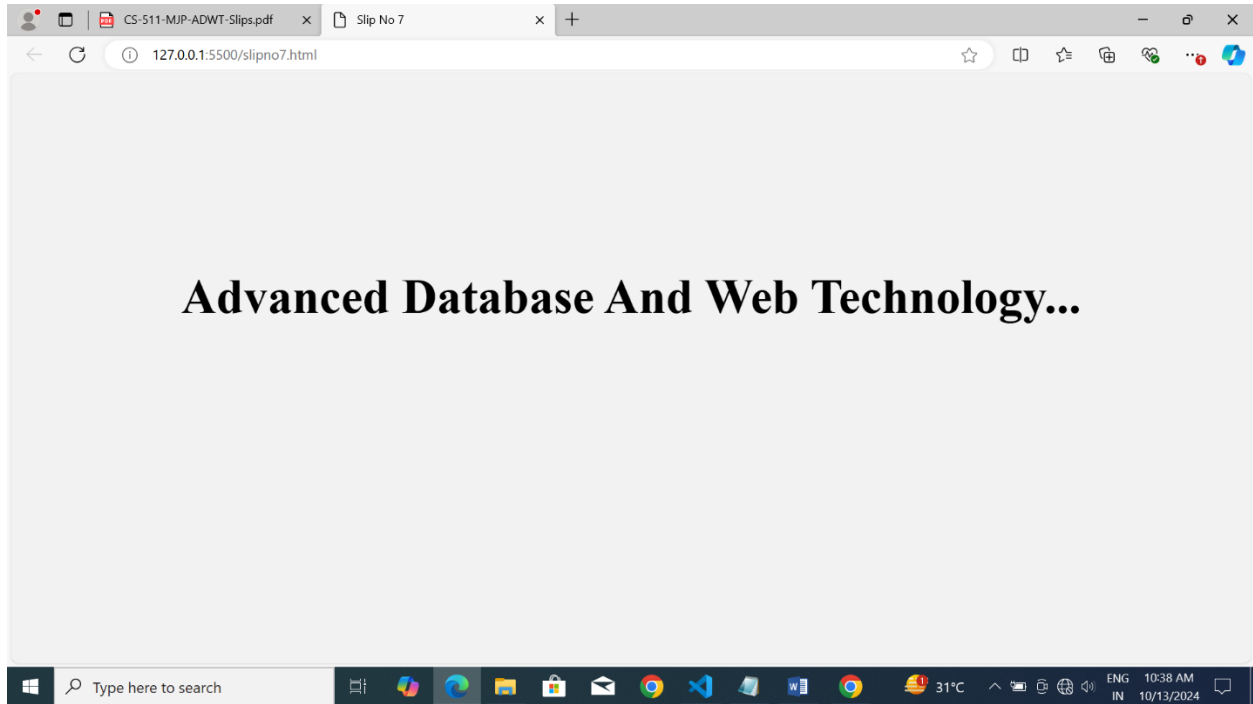
```
    }
```

```
    .three-d-text:hover {
```

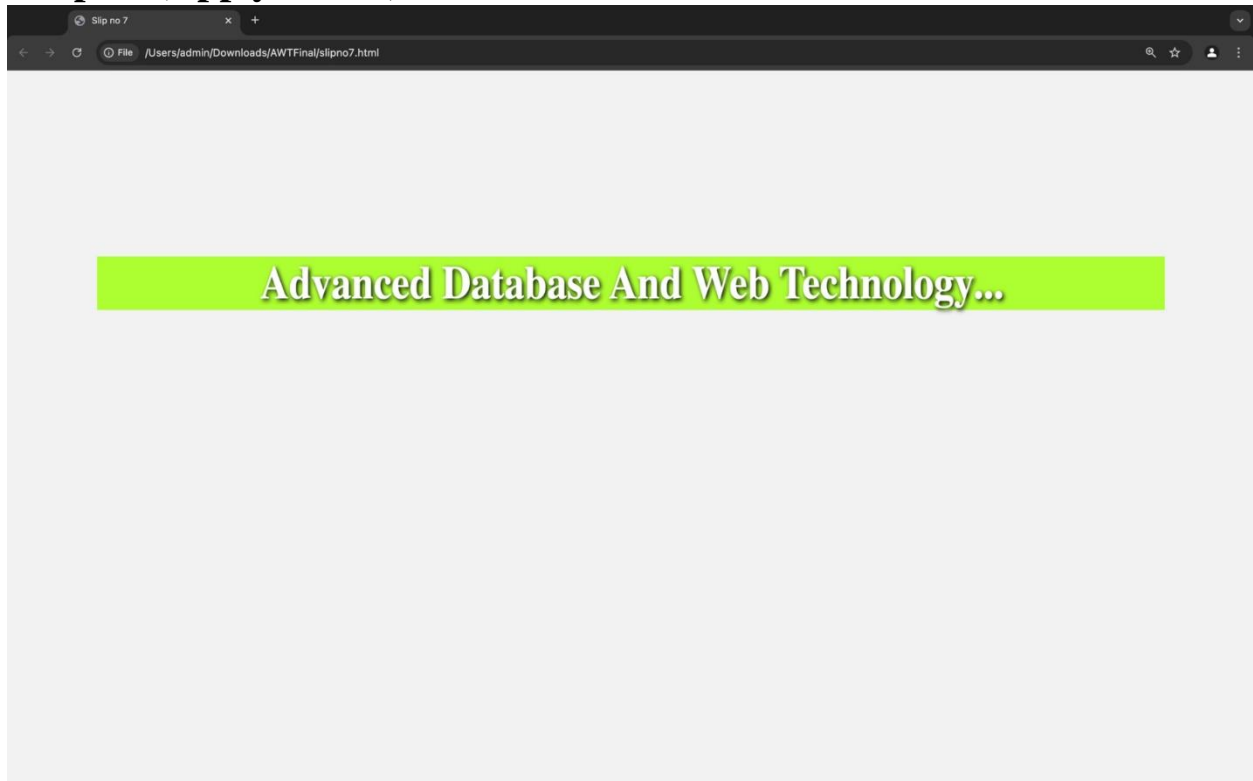
```
      transform: rotateY(30deg);
```

```
        text-shadow: 2px 2px 5px black;
        color: #fff;
        background-color:greenyellow;
    }
</style>
</head>
<body>
    <h1 class="three-d-text"> Advanced Database And Web
    Technology...</h1>
</body>
</html>
```

## Output : (Defalut)



## Output :(Apply Hover)

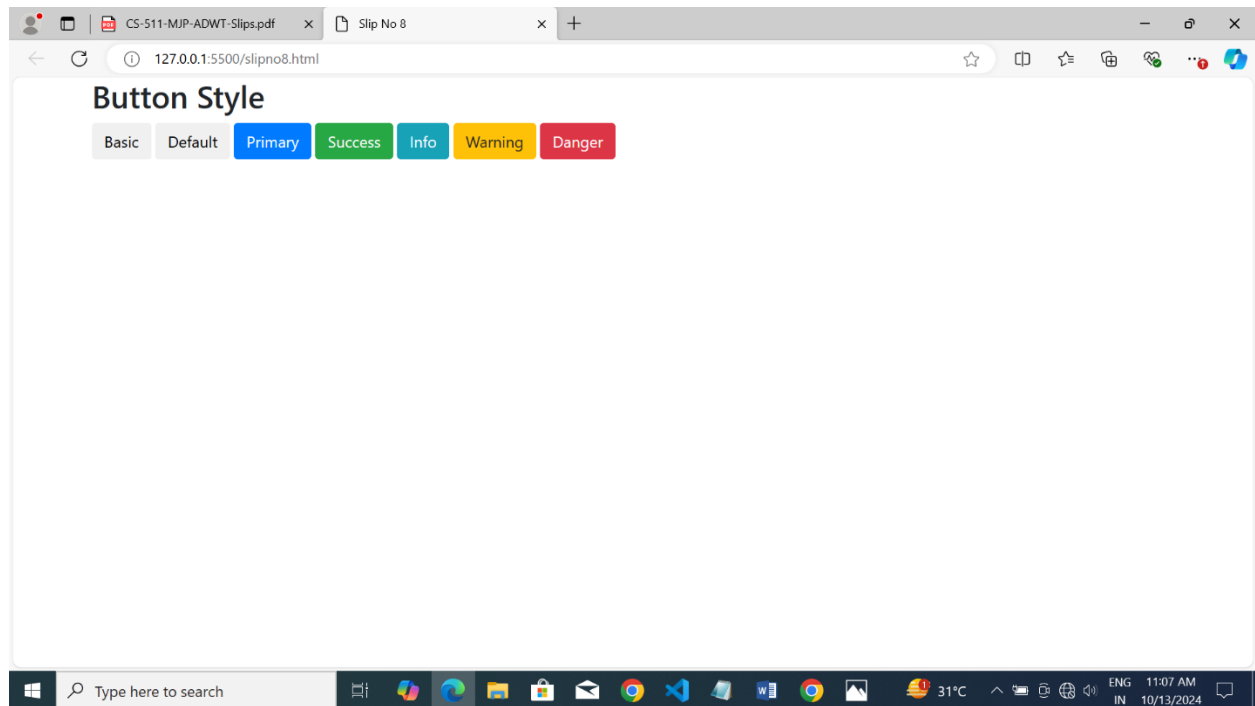


## Assignment No 8

**8) Create a button with different style (Secondary, Primary, Success, Error, Info, Warning, Danger) using Bootstrap.**

```
<!DOCTYPE html>
<html>
<head>
<title>Slip No 8</title>
<link rel="stylesheet" href="bootstrap.css">
</head>
<body>
<div class="container">
  <h2>Button Style</h2>
  <button type="button" class="btn">Basic</button>
  <button type="button" class="btn btn-default">Default</button>
  <button type="button" class="btn btn-primary">Primary</button>
  <button type="button" class="btn btn-success">Success</button>
  <button type="button" class="btn btn-info">Info</button>
  <button type="button" class="btn btn-warning">Warning</button>
  <button type="button" class="btn btn-danger">Danger</button>
</div>
</body>
</html>
```

## Output :



## Assignment No 9

9) Write an HTML 5 program for student registration form for college admission. Use input type like search, email, date etc.

```
<!DOCTYPE html>
<html>
<head>
  <title>Slip no 9</title>
  <style>
    form{
      border:2px solid black;
      margin:auto;
      width:500px;
      padding:15px;
      margin-top:30px;
    }
    h2{
      text-align:center;
    }
  </style>
</head>
<body>
  <form>
```

```
<h2>Student Registration </h2>
<label for="fname">Enter your name:</label>
<input type="text" id="fname" name="name" placeholder="Enter
name">
<br>
<br>
<label for="email">Enter your Email id:</label>
<input type="email" id="email" name="email"
placeholder="Enter email">
<br>
<br>
<label for="search">Search college different Departments:</label>
<input type="search" id="search" name="search"
placeholder="search">
<br>
<br>
<label for="nationality">choose your nationality:</label>
<input list="nation" id="nationality">
<datalist id="nation">
  <option value="india">India</option>
  <option value="america">America</option>
  <option value="japan">japan</option>
  <option value="germany">Germany</option>
</datalist>
```



```
<br>
<br>
<label for="gender">Select your gender:</label>
<input type="radio" id="gender" name="gender">Male
<input type="radio" id="gender" name="gender">Female
<br>
<br>
<label for="date">Enter the date:</label>
<input type="date" id="date" name="date">
<br>
<br>
<input type="reset" value="Reset">
<input type="submit" value="submit">
</form>
</body>
</html>
```

## Output :

The screenshot displays a web browser window with two tabs: 'CS-511-MJP-ADWT-Slips.pdf' and 'Slip no 9'. The address bar shows the URL '127.0.0.1:5500/slipno9.html'. The main content area features a 'Student Registration' form with the following fields and controls:

- Enter your name:** A text input field with the placeholder 'Enter name'.
- Enter your Email id:** A text input field with the placeholder 'Enter email'.
- Search college different Departments:** A text input field with the placeholder 'search'.
- choose your nationality:** A text input field.
- Select your gender:** Two radio buttons labeled 'Male' and 'Female'.
- Enter the date:** A date input field showing 'mm/dd/yyyy' with a calendar icon.
- Buttons:** 'Reset' and 'submit' buttons at the bottom of the form.

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right indicates a temperature of 31°C, language settings (ENG, IN), and the date/time: 11:11 AM on 10/13/2024.

## Assignment No 10

10) Create a web page that shows use of transition properties, transition delay and duration effect.

```
<!DOCTYPE html>
<html>
<head>
  <title>Slip no 10</title>
  <style>
    .box {
      width: 200px;
      height: 200px;
      background-color: red;
      transition: width 2s, height 2s;
      background-color: 1s;
      transition-delay: 2s;
    }
    .box:hover {
      width: 300px;
      height: 300px;
      background-color: blue;
    }
  </style>
```

**</head>**

**<body>**

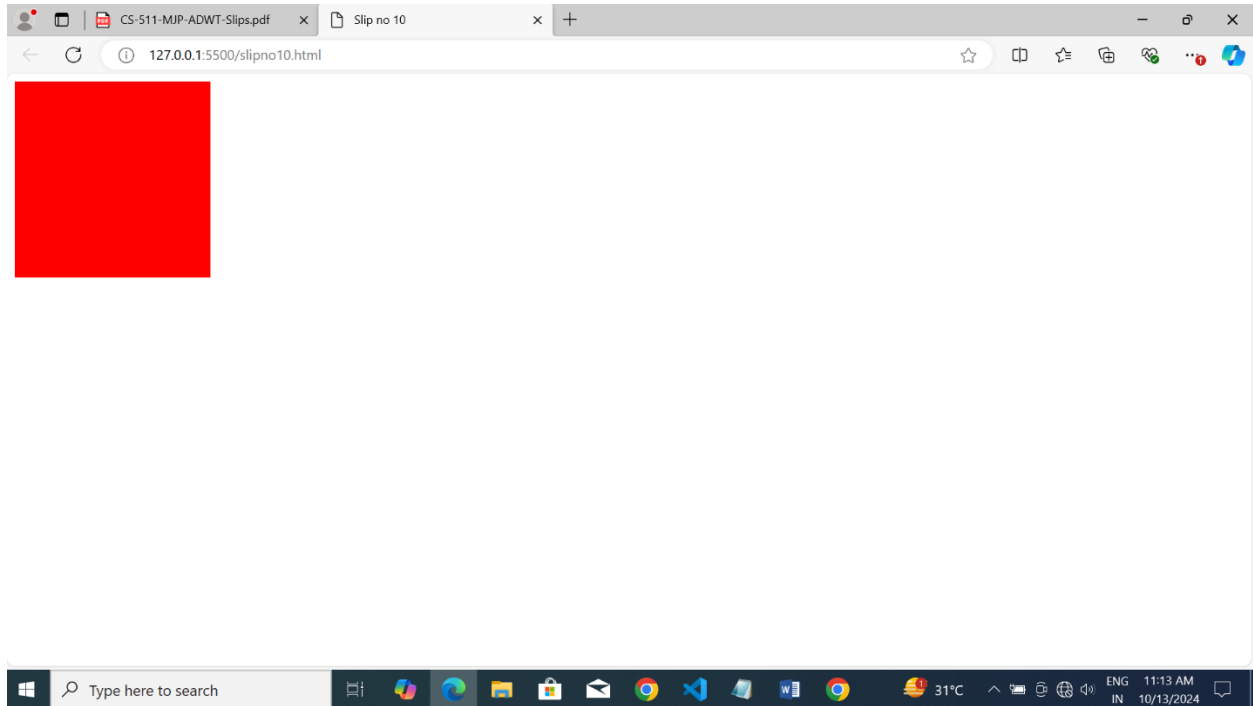
**<div class="box">**

**</div>**

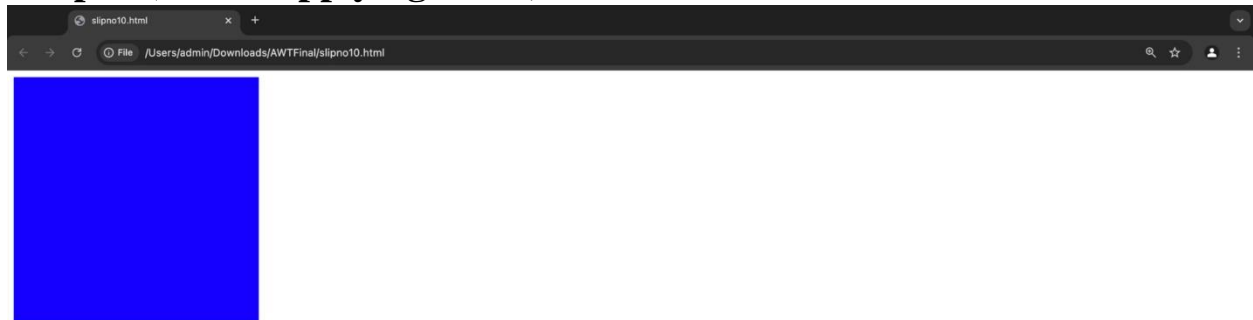
**</body>**

**</html>**

## Output :(Defalut)



## Output:( After Applying effect)



## Assignment No 11

11) Write a HTML code which will divide web page in three frames. First frame should consists of company name as heading. Second frame should consists of name of departments with hyperlink. Once click on any department, it should display information of that department in third frame.

```
<!DOCTYPE html>

<html>

<head>

  <title>Slip No 11</title>

</head>

<frameset rows="15%, *, 10%">

  <frame src="company.html" name="company_name">

    <frameset rows="70%, 30%">

      <frame src="departments.html" name="departments">

        <frame src="department_info.html" name="department_info">

      </frameset>

    </frameset>

  </frameset>

</html>
```

("departments.html")

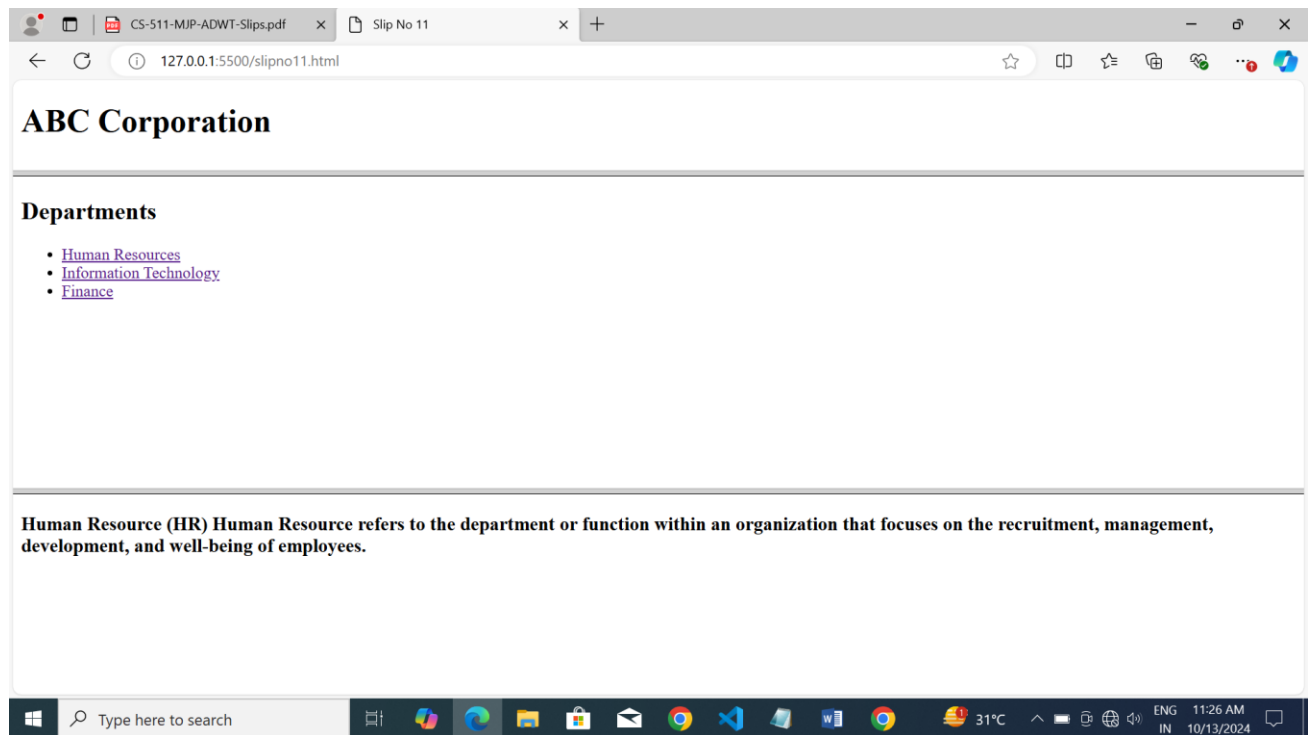
```
<!DOCTYPE html>

<html>

<head>
```

```
<title>Departments</title>
</head>
<body>
  <h2>Departments</h2>
  <ul>
    <li><a href="one.html" target="department_info">Human
Resources</a></li>
    <li><a href="two.html" target="department_info">Information
Technology</a></li>
    <li><a href="finance.html"
target="department_info">Finance</a></li>
  </ul>
</body>
</html>
```

## Output :





## Assignment No 12

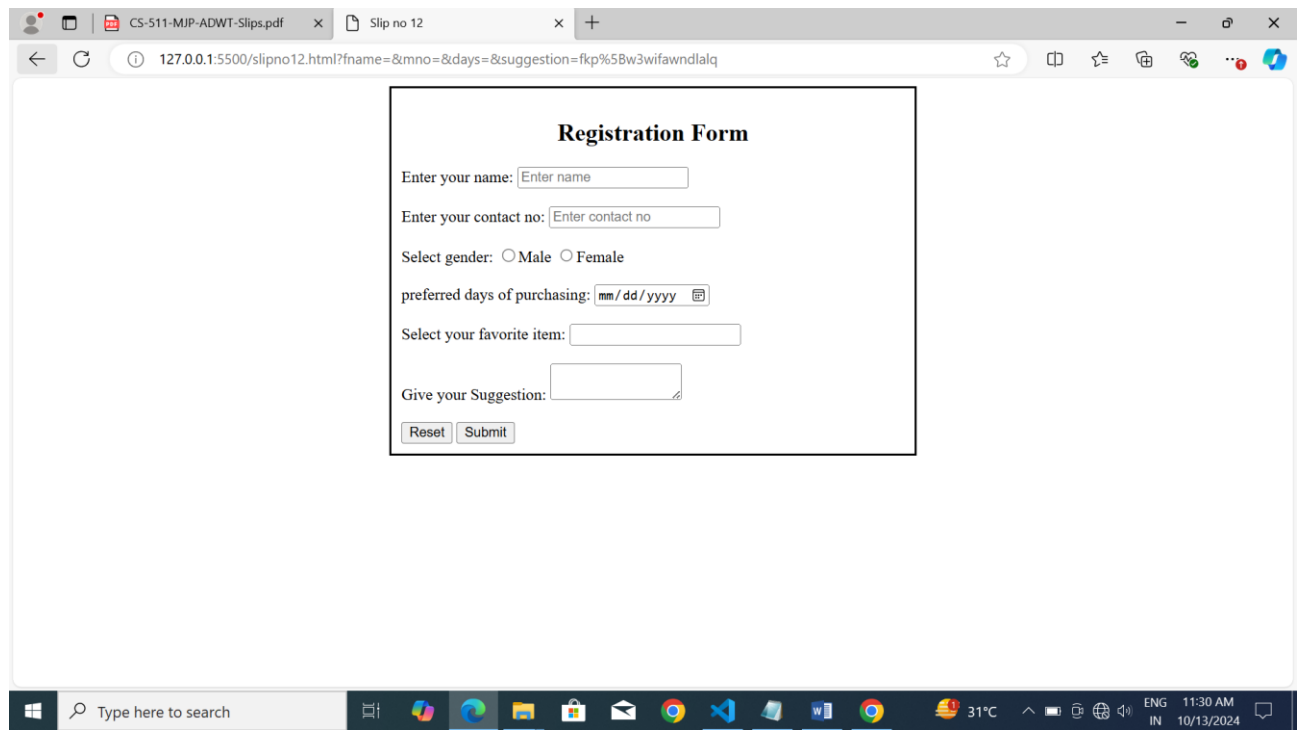
**12) Design an appropriate HTML form for customer registration visiting a departmental store. Form should consist of fields such as name, contact no, gender, preferred days of purchasing, favorite item (to be selected from a list of items), suggestions etc. You should provide button to submit as well as reset the form contents.**

```
<!DOCTYPE html>
<html>
  <head>
    <title>Slip no 12</title>
    <style>
      form{
        border:2px solid black;
        width:500px;
        margin:auto;
        padding:10px;
      }
      h2{
        text-align:center;
      }
    </style>
  </head>
  <body>
```


```
<form>
  <h2>Registration Form</h2>
  <label for="fname">Enter your name:</label>
  <input type="text" id="fname" name="fname"
placeholder="Enter name">
  <br>
  <br>
  <label for="mno">Enter your contact no:</label>
  <input type="number" id="mno" name="mno"
placeholder="Enter contact no">
  <br>
  <br>
  <label for="gender">Select gender:</label>
  <input type="radio" id="gender" name="gender">Male
  <input type="radio" id="gender" name="gender">Female
  <br>
  <br>
  <label for="days">preferred days of purchasing:</label>
  <input type="date" id="days" name="days">
  <br>
  <br>
  <label for="listname">Select your favorite item:</label>
  <input list="favorite" id="listname">
  <datalist id="favorite">
```

```
<option value="pen">Pen</option>
<option value="pencil">Pencil</option>
<option value="bag">Bag</option>
<option value="notebook">Notebooks</option>
</datalist>
<br>
<br>
<label for="suggestion">Give your Suggestion:</label>
<textarea name="suggestion" id="suggestion" cols="15"
rows="2"></textarea>
<br>
<br>
<input type="reset" value="Reset">
<input type="submit" value="Submit">
</form>
</body>
</html>
```

## Output :



The screenshot displays a web browser window with a single tab titled 'Slip no 12'. The address bar shows the URL '127.0.0.1:5500/slipno12.html?fname=&mno=&days=&suggestion=fkp%5Bw3wifawndlalq'. The main content area features a registration form with the following fields and controls:

- Registration Form** (Section Header)
- Enter your name:
- Enter your contact no:
- Select gender: ☐ Male ☐ Female
- preferred days of purchasing:  
- Select your favorite item:
- Give your Suggestion:
- 

The Windows taskbar at the bottom shows the search bar with 'Type here to search', several application icons, and system tray information including '31°C', 'ENG IN', and '11:30 AM 10/13/2024'.

## Assignment No 13

13) Create a useful web with the following information and structure using HTML5 tags like:<header> , <footer>, <nav>, <aside>, <section>.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>slip No 13</title>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<h1>My Website</h1>
```

```
</header>
```

```
<nav>
```

```
<ul>
```

```
<li><a href="#">Home</a></li>
```

```
<li><a href="#">About</a></li>
```

```
<li><a href="#">Contact</a></li>
```

```
</ul>
```

```
</nav>
```

```
<section>
```

```
<h2>About Us</h2>
```

```
<p>We provide innovative solutions.</p>
```

```
</section>
```

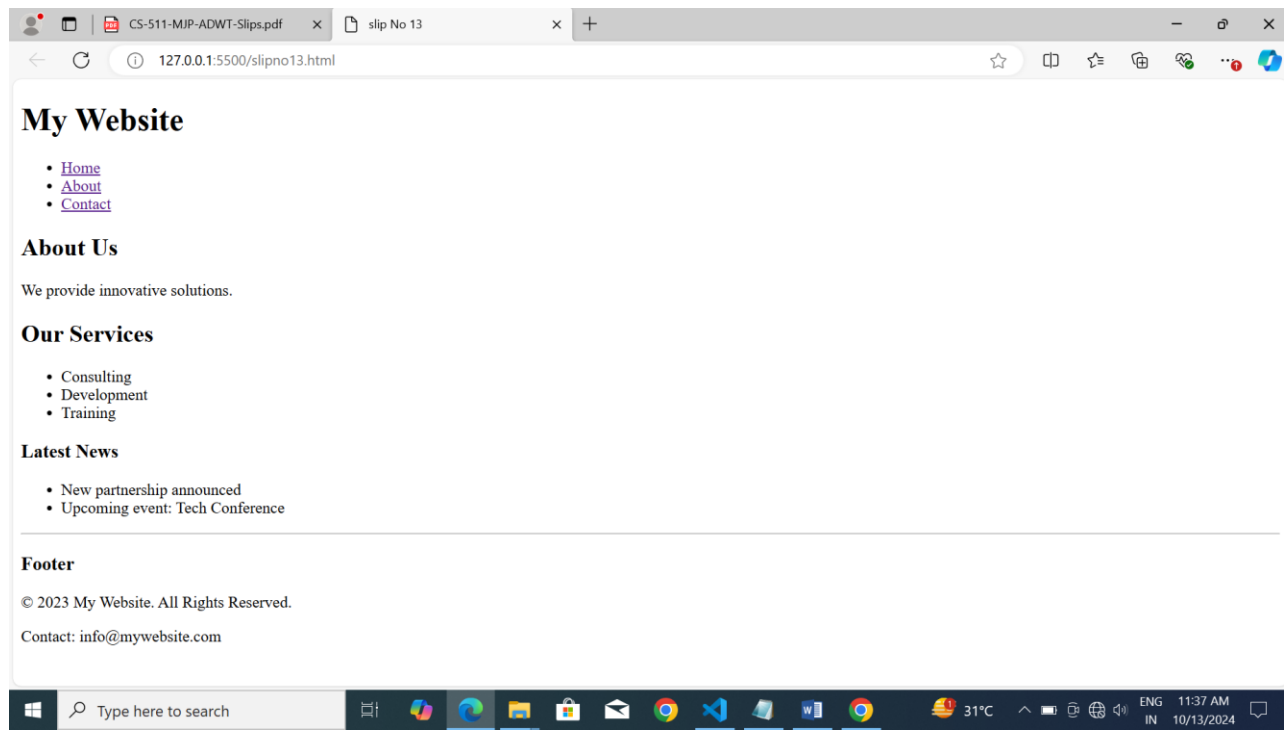
```
<section>
  <h2>Our Services</h2>
  <ul>
    <li>Consulting</li>
    <li>Development</li>
    <li>Training</li>
  </ul>
</section>

<aside>
  <h3>Latest News</h3>
  <ul>
    <li>New partnership announced</li>
    <li>Upcoming event: Tech Conference</li>
  </ul>
</aside>

<hr>

<h3>Footer</h3>
<footer>
  <p>&copy; 2023 My Website. All Rights Reserved.</p>
  <p>Contact: info@mywebsite.com</p>
</footer>
</body>
</html>
```

## Output :



## Assignment No 14

**14) Design an HTML form to take the information of a customer for booking a travel plan consisting of fields such as name, address, contact no., gender, preferred season(Checkboxes), location type(to be selected from a list) etc. You should provide button to submit as well as reset the form contents.**

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Slip no 14</title>
```

```
    <style>
```

```
      form{
```

```
        border:2px solid black;
```

```
        padding:13px;
```

```
        width:500px;
```

```
        margin:auto;
```

```
      }
```

```
      h2{
```

```
        text-align:center;
```

```
      }
```

```
    </style>
```

```
  </head>
```

```
  <body>
```

```
    <form>
```



```
<h2>Booking Form</h2>
<label for="fname">Enter your name:</label>
<input type="text" id="fname" name="name"
placeholder="Enter name">
<br>
<br>
<label for="address">Enter your address:</label>
<textarea name="address" id="address" cols="15" rows="2"
placeholder="Enter address"></textarea>
<br>
<br>
<label for="contact">Enter your contact number:</label>
<input type="number" id="contact" name="contact"
placeholder="contact no">
<br>
<br>
<label for="gender">Select your gender:</label>
<input type="radio" id="gender" name="gender">Male
<input type="radio" id="gender" name="gender">Female
<br>
<br>
<label for="season">Your preferred season:</label>
<input type="checkbox" id="season" name="season">Summer
<input type="checkbox" id="season" name="season">Rainy
```

```
<input type="checkbox" id="season" name="season">Winter
<br>
<br>
<label for="location">Select Location</label>
<input list="Location" id="loaction" name="loaction">
<datalist id="Location">
    <option value="Kedarnath">Kedarnath</option>
    <option value="kanyakumari">kanyakumari</option>
    <option value="goa">Goa</option>
    <option value="kashmir">Kashmir</option>
</datalist>
<br>
<br>
<input type="reset" value="Reset">
<input type="submit" value="Submit">
</form>
</body>
</html>
```

## Output :

The screenshot displays a web browser window with two tabs: 'CS-511-MJP-ADWT-Slips.pdf' and 'Slip no 14'. The address bar shows the URL '127.0.0.1:5500/slipno14.html'. The main content area features a 'Booking Form' with the following fields and controls:

- Enter your name:** A text input field with the placeholder text 'Enter name'.
- Enter your address:** A text input field with the placeholder text 'Enter address'.
- Enter your contact number:** A text input field with the placeholder text 'contact no'.
- Select your gender:** Two radio button options: 'Male' and 'Female'.
- Your preferred season:** Three checkbox options: 'Summer', 'Rainy', and 'Winter'.
- Select Location:** A text input field.
- Buttons:** 'Reset' and 'Submit' buttons at the bottom of the form.

The Windows taskbar at the bottom shows the search bar with the text 'Type here to search', several application icons, and system information including the temperature '31°C', language 'ENG IN', and date '10/13/2024'.

## Assignment No 15

**15) Design HTML 5 Page Using CSS which display the following Box ( use Box Model Property in CSS)**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Slip no 15</title>
```

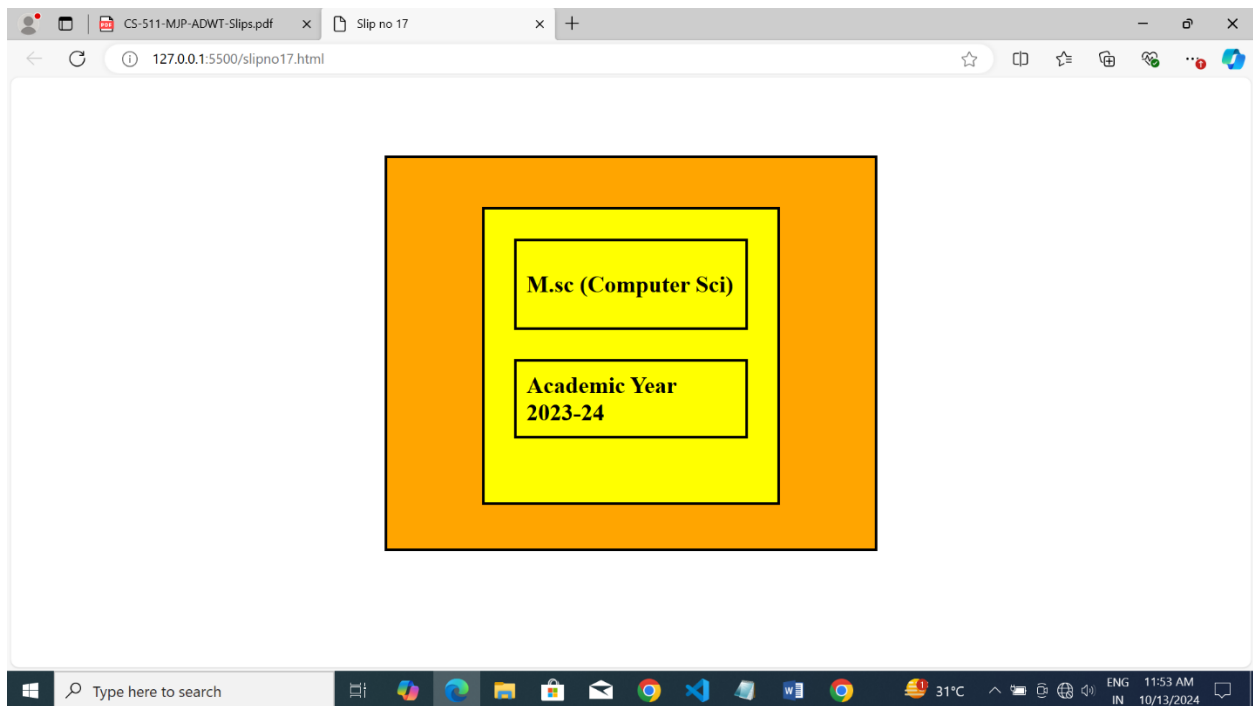
```
<style>
```

```
.container{  
    background-color:orange;  
    border:3px solid black;  
    width:500px;  
    height:400px;  
    margin:auto;  
    margin-top:80px;  
}
```

```
.sub-container{  
    background-color:yellow;  
    border:3px solid black;  
    width:300px;  
    height:300px;  
    margin:auto;  
    margin-top:50px;
```

```
    }  
    .child-container{  
        border:3px solid black;  
        margin:30px;  
        padding:10px;  
    }  
</style>  
</head>  
<body>  
    <div class="container">  
        <div class="sub-container">  
            <div class="child-container">  
                <h2>M.sc (Computer Sci)</h2>  
            </div>  
            <h2 class="child-container">Academic Year 2023-24</h2>  
        </div>  
    </div>  
</body>  
</html>
```

## Output :



## Assignment No 16

**16) Create a web page, place an image in center and apply 2d transformation on it.(rotation, scaling, translation)**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Slip no 16</title>
```

```
<style>
```

```
div
```

```
{
```

```
width: 300px;
```

```
height: 100px;
```

```
background-color: yellow;
```

```
border: 1px solid black;
```

```
transform: translate(100px,50px) rotate(60deg) scale(1.5) ;
```

```
transition: transform 2s;
```

```
}
```

```
div:hover {
```

```
  transform: rotate(90deg) scale(2) translate(100px, 100px);
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

**<div>**

**This div element is moved 100 pixels to the right, and 50 pixels up from its current position.**

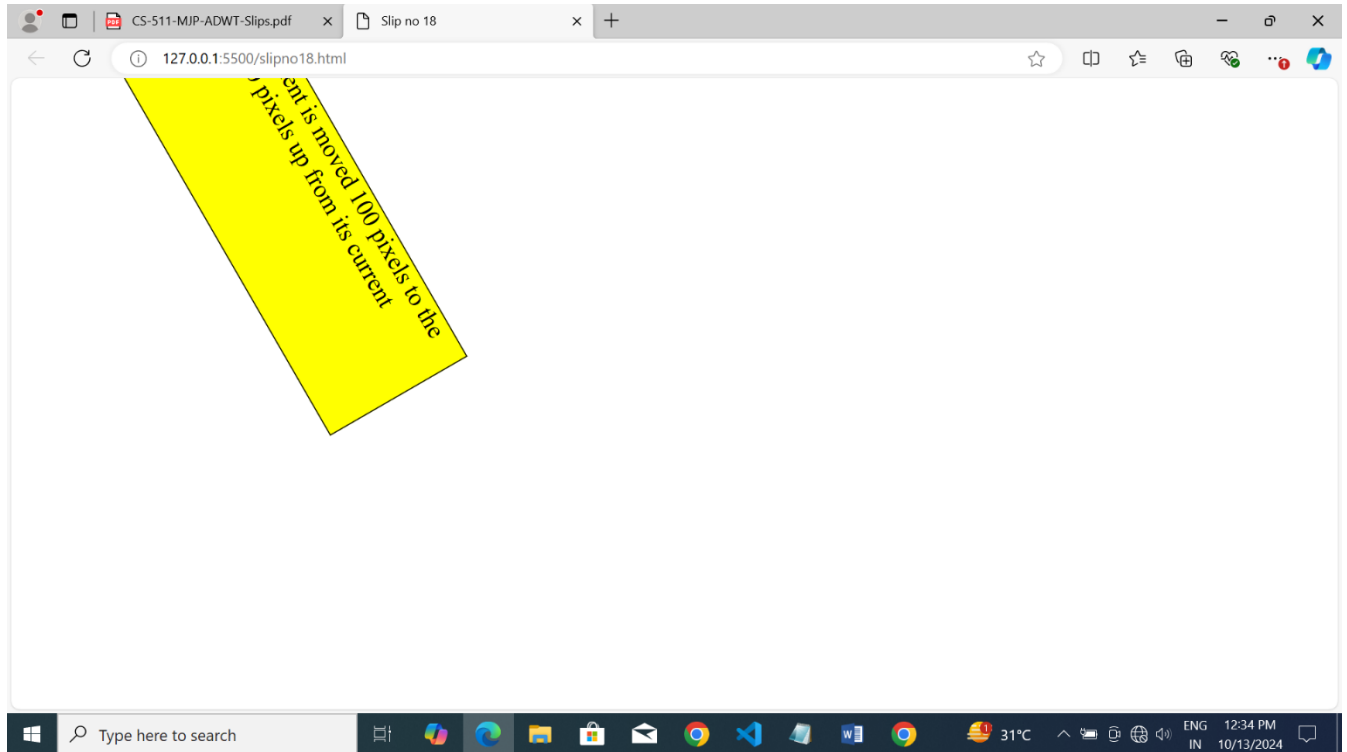
**</div>**

**</body>**

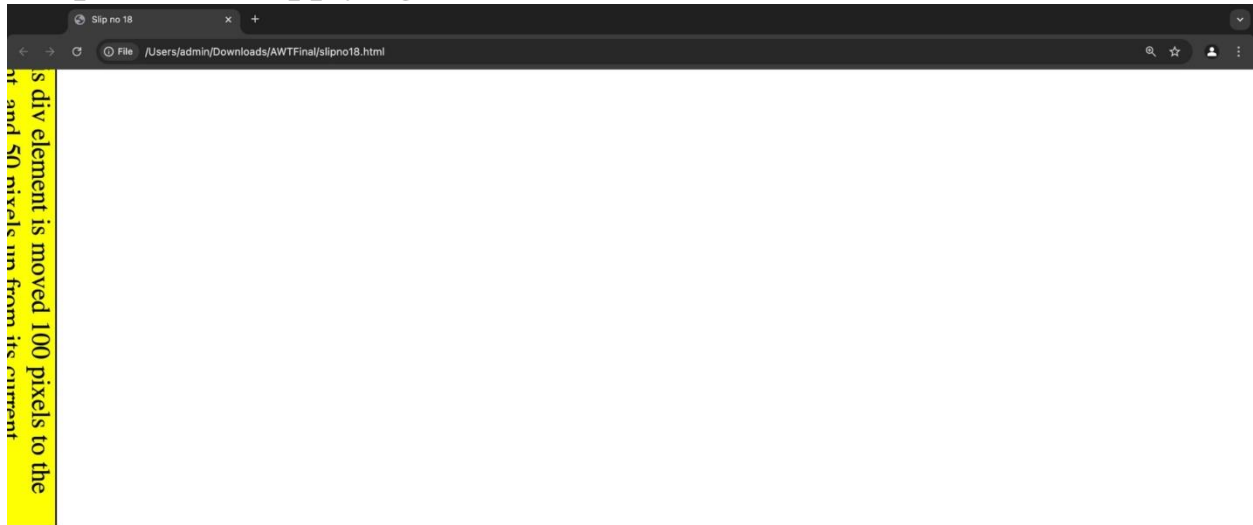
**</html>**



## Output :(Defalut)



## Output:(After Applying Effect)



## Assignment No 17

17) Write a css3 script for the student registration form with appropriate message display also high light compulsory fields in a different color.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Slip No 17</title>
```

```
  <style>
```

```
    form {
```

```
      max-width: 600px;
```

```
      margin: 20px auto;
```

```
      padding: 20px;
```

```
      border: 1px solid #ccc;
```

```
      border-radius: 8px;
```

```
      background-color: #f9f9f9;
```

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

```
    }
```

```
    h2 {
```

```
      text-align: center;
```

```
      margin-bottom: 20px;
```

```
    }
```

```
label {  
    display: block;  
    margin-bottom: 5px;  
    font-weight: bold;  
}
```

```
input[required],  
select[required] {  
    border: 2px solid #e63946;  
    background-color: #ffe6e6;  
}
```

```
input[type="text"],  
input[type="email"],  
input[type="password"],  
input[type="tel"],  
input[type="date"],  
select,  
textarea {  
    width: 100%;  
    padding: 10px;  
    margin-bottom: 15px;  
    border: 1px solid #ccc;
```

```
border-radius: 4px;
}

textarea {
  resize: vertical;
}

.btn {
  background-color: #1d3557;
  color: #fff;
  padding: 10px 15px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  margin: 10px;
}

.btn1:hover {
  background-color: #457b9d;
}

.btn2 {
  background-color: #3060a4;
}

.message {
  padding: 10px;
  margin-bottom: 15px;
```

```
        border-radius: 4px;
    }
    .success {
        background-color: #d4edda;
        color: #155724;
        border: 1px solid #c3e6cb;
    }
    .error {
        background-color: #f8d7da;
        color: #721c24;
        border: 1px solid #f5c6cb;
    }
    .required {
        color: red;
    }
    #terms {
        margin-right: 10px;
    }
</style>
</head>
<body>
    <form id="registrationForm">
        <h2>Student Registration Form</h2>
```

```
<div class="message" id="message" style="display: none"></div>

<label for="name">Full Name <span class="required"></span></label>
<input type="text" id="name" name="name" placeholder="Enter your
full name" required />

<label for="email">Email <span class="required"></span></label>
<input type="email" id="email" name="email" placeholder="Enter
your email" required />

<label for="password">Password <span
class="required"></span></label>

<input type="password" id="password" name="password"
placeholder="Create a password" required />

<label for="confirmPassword">Confirm Password <span
class="required"></span></label>

<input type="password" id="confirmPassword"
name="confirmPassword" placeholder="Confirm your password"
required />

<label for="course">Select Course</label>

<select id="course" name="course">

  <option value="">Select a course</option>
  <option value="maths">Mathematics</option>
  <option value="science">Science</option>
  <option value="history">History</option>
  <option value="art">Art</option>

</select>
```

**<label for="dob">Date of Birth <span  
class="required"></span></label>**

**<input type="date" id="dob" name="dob" required />**

**<label for="gender">Gender <span class="required"></span></label>**

**<select id="gender" name="gender" required>**

**<option value="">Select your gender</option>**

**<option value="male">Male</option>**

**<option value="female">Female</option>**

**<option value="other">Other</option>**

**</select>**

**<label for="phone">Phone Number</label>**

**<input type="tel" id="phone" name="phone" placeholder="Enter  
your phone number" />**

**<label for="address">Address</label>**

**<input type="text" id="address" name="address"  
placeholder="Enter your address" />**

**<label for="city">City</label>**

**<input type="text" id="city" name="city" placeholder="Enter your  
city" />**

**<label for="state">State</label>**

**<input type="text" id="state" name="state" placeholder="Enter your  
state" />**

```
<label for="pin">Pin Code</label>

<input type="text" id="pin" name="pin" placeholder="Enter your
pin code" />

<label for="comments">Additional Comments</label>

<textarea id="comments" name="comments" rows="4"
placeholder="Any additional information..."></textarea>

<label>

    <input type="checkbox" id="terms" name="terms" required />

    I agree to the terms and conditions <span
class="required"></span>

</label>

<input type="submit" value="Register" class="btn btn1" />

<input type="reset" value="Clear" class="btn btn2" />

</form>

</body>

</html>
```



**Output :**

### Student Registration Form

**Full Name**

Enter your full name

**Email**

Enter your email

**Password**

Create a password

**Confirm Password**

Confirm your password

**Select Course**

Select a course

**Date of Birth**

mm/dd/yyyy

**Gender**

Select your gender

**Phone Number**

Enter your phone number

**Address**

Enter your address

**City**

Enter your city

**State**

Enter your state

**Pin Code**

Enter your pin code

**Additional Comments**

Any additional information...

☐ I agree to the terms and conditions

Register

Clear

## Assignment No 18

**18) Create a web page to create 3D text. Apply all text effects like text shadow, text overflow, wordwrap etc.**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Slip No 18</title>
```

```
<style>
```

```
body {
```

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

```
background-color: #f0f0f0;
```

```
display: flex;
```

```
justify-content: center;
```

```
align-items: center;
```

```
height: 100vh;
```

```
margin: 0;
```

```
}
```

```
.container {
```

```
text-align: center;
```

```
border: 2px solid black;
```

```
border-radius: 10px;
```

```
width: 700px;
```

```
}
```

```
.three-d-text {  
  font-size: 4em;  
  color: #ff5722;  
  text-shadow: 2px 2px 0 #ffc107, 4px 4px 0 #ffeb3b, 6px 6px 0  
#8bc34a;  
  transform: translateZ(0);  
  overflow-wrap: break-word;  
  max-width: 80%;  
  margin: 0 auto;  
}  
.description {  
  font-size: 1.5em;  
  color: #333;  
  margin-top: 20px;  
  text-overflow: ellipsis;  
  word-wrap: break-word;  
}  
</style>  
</head>  
<body>  
  <div class="container">  
    <h1 class="three-d-text">3D Text Example</h1>
```

```
<p class="description">
```

**This is an example of 3D text with various effects like text shadow, overflow, and word wrapping.**

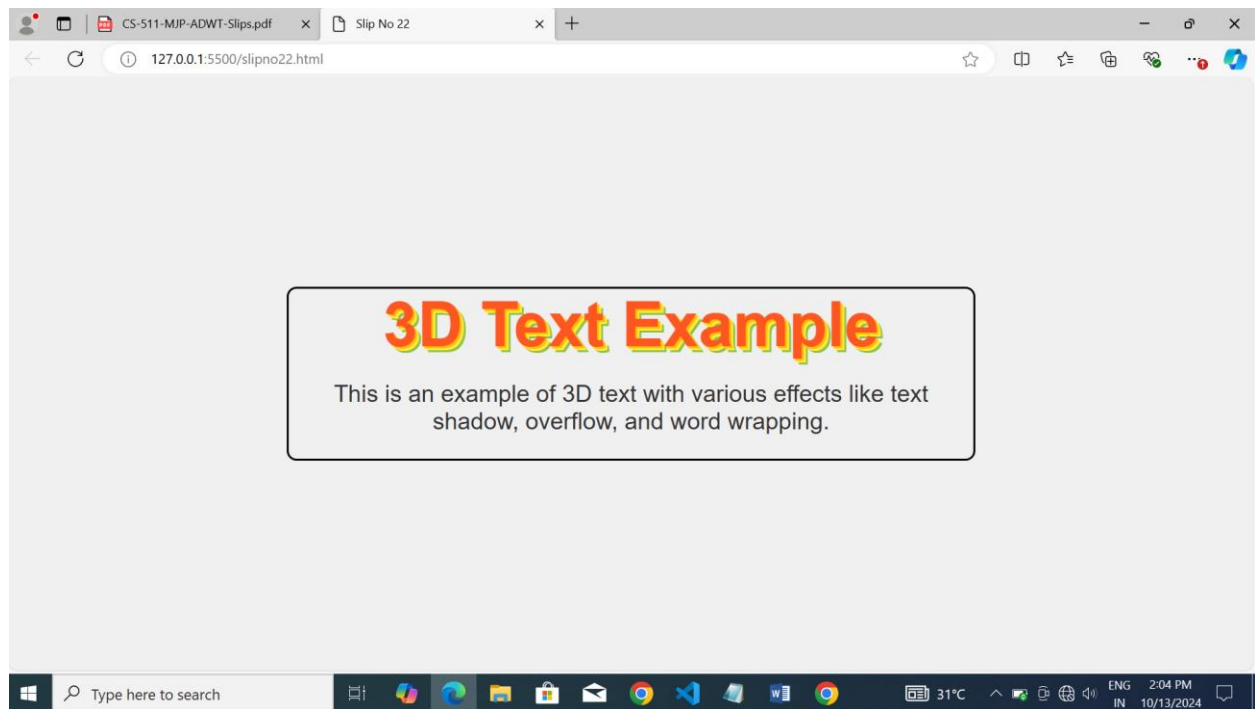
```
</p>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Output :



## Assignment No 19

19) Create a web page to display image on screenApply the following

a. Display image in tiles

b. Rotate image in clockwise and anticlockwise direction.

```
<!DOCTYPE html>
```

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

```
<head>
```

```
<meta charset="UTF-8" />
```

```
<meta name="viewport" content="width=device-width, initial-  
scale=1.0" />
```

```
<title>slip No 19</title>
```

```
<style>
```

```
.image-container {
```

```
display: flex;
```

```
flex-wrap: wrap;
```

```
justify-content: center;
```

```
}
```

```
.tile {
```

```
margin: 50px;
```

```
width: 400px;
```

```
}
```

```

.tile1 {
    margin: 50px;
    width: 500px;
}

.rotate1 {
    transform: rotate(30deg);
}

.rotate2 {
    transform: rotate(-40deg);
}

.head {
    margin: 50px;
}
</style>
</head>
<body>
<div class="image-container">
    <div class="tile">

        <h1 class="head">Clockwise Direction</h1>

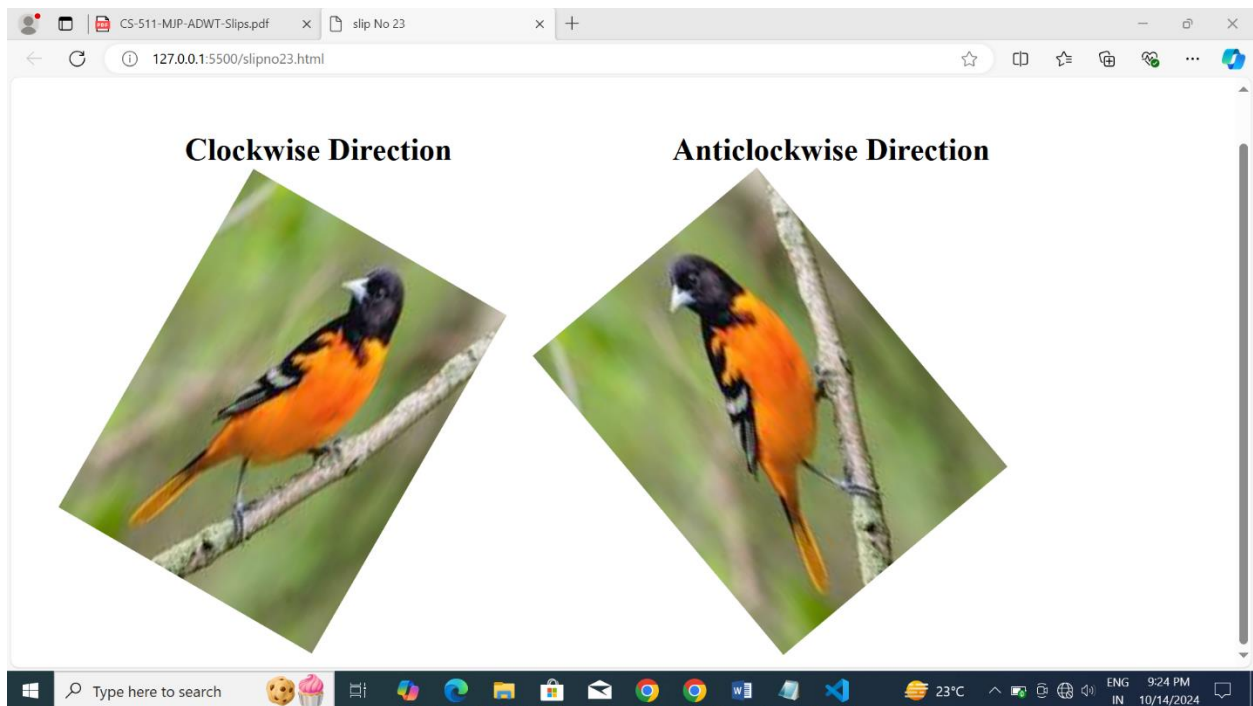
        

```

```
</div>
<div class="tile1">
<h1 class="head">Anticlockwise Direction</h1>
  
</div>
</div>
</body>
</html>
```



## Output :



## Assignment No 20

20) Create an html page named as “calendar.html” Use necessary input types and get following output

```
<html>
<head>
    <title>Slip No 20</title>
</head>
<body>
    <h1>Select Dates and Times:</h1>
    <form>
        <label for="date">Date:</label>
        <input type="date" id="date" name="date"><br><br>

        <label for="datetime">Date and Time:</label>
        <input type="datetime-local" id="datetime"
name="datetime"><br><br>

        <label for="datetimelocal">Date and Time (Local):</label>
        <input type="datetime-local" id="datetimelocal"
name="datetimelocal"><br><br>

        <label for="week">Week:</label>
        <input type="week" id="week" name="week"><br><br>
```

**<label for="time">Time:</label>**

**<input type="time" id="time" name="time"><br><br>**

**<label for="month">Month:</label>**

**<input type="month" id="month"  
name="month"><br><br>**

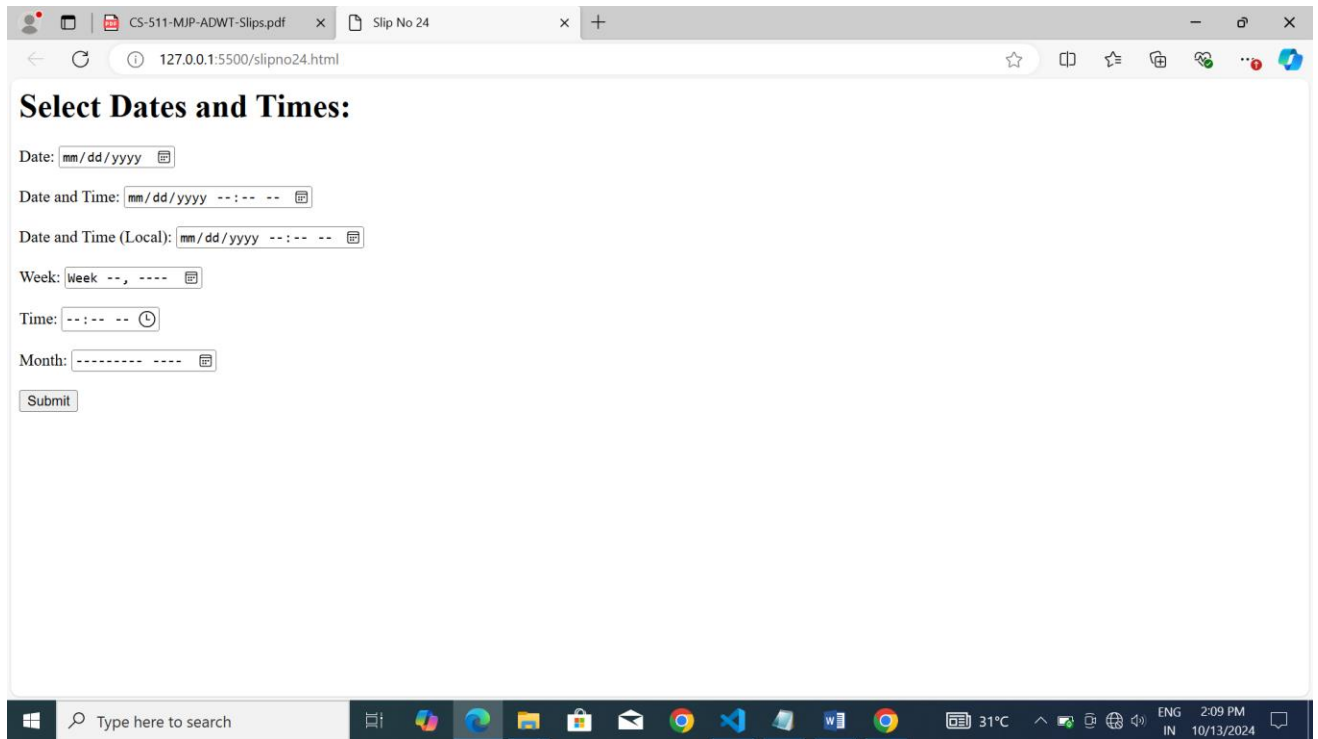
**<input type="submit" value="Submit">**

**</form>**

**</body>**

**</html>**

## Output:



The screenshot shows a web browser window with two tabs: 'CS-511-MJP-ADWT-Slips.pdf' and 'Slip No 24'. The address bar displays '127.0.0.1:5500/slipno24.html'. The page content is titled 'Select Dates and Times:' and contains several input fields for date and time selection, each with a calendar icon for date-related fields. The fields are: 'Date:' (mm/dd/yyyy), 'Date and Time:' (mm/dd/yyyy --:-- --), 'Date and Time (Local):' (mm/dd/yyyy --:-- --), 'Week:' (Week --, ----), 'Time:' (--:-- --), and 'Month:' (-----). A 'Submit' button is located at the bottom of the form. The Windows taskbar at the bottom shows the search bar, task view button, and several application icons (File Explorer, Microsoft Store, Edge, Mail, Chrome, VS Code, Word, and another Chrome instance). The system tray on the right indicates a temperature of 31°C, network status, and the date/time: 2:09 PM on 10/13/2024.

**Select Dates and Times:**

Date:

Date and Time:

Date and Time (Local):

Week:

Time:

Month:

## Assignment No 21

21) Write the HTML5 code for generating the form as shown below. Apply the internal CSS to the following form to set the font size, font color, heading ,background color etc.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Slip no 21</title>
    <style>
      form{
        border:2px solid black;
        background-color:lightskyblue;
        padding:15px;
        color:red;
        width:500px;
        margin:auto;
      }
      .heading{
        text-align:center;
      }
      .reset{
        margin-left:160px;
      }
```

```
.fname{  
    margin-left:20px;  
}  
.age{  
    margin-left:35px;  
}  
.address{  
    margin-left:10px;  
}  
.gender{  
    margin-left:110px;  
}  
.gender1{  
    margin-left:140px;  
}  
.nationality{  
    margin-left:60px;  
}  
.password{  
    margin-left:10px;  
}  
  
</style>
```

```

</head>
<body>
  <form>
    <h2 class="heading">ENTRY FORM</h2>
    <label for="fname">Enter your name:</label>
    <input type="text" id="fname" name="fname" class="fname">
    <br>
    <br>
    <label for="age">Enter your age:</label>
    <input type="number" id="age" name="age" min="0"
max="100" step="1" class="age" >
    <br>
    <br>
    <label for="address">Enter your address:</label>
    <textarea id="address" name="address" cols="20" rows="3"
class="address"></textarea>
    <br>
    <br>
    <label for="sex">sex:</label>
    <input type="radio" id="sex" name="sex" checked
class="gender">Female</input>
    <br>
    <input type="radio" id="sex" name="sex" class="gender1"
>Male</input>

```

```

<br>
<br>
<label for="nationality">Nationality:</label>

<select id="nationality" name="nationality"
class="nationality">
    <option value=""selected disabled hidden>(Select your
country)</option>
    <option value="india">India</option>
    <option value="israel">Israel</option>
    <option value="america">America</option>
    <option value="japan">Japan</option>
</select>
<br>
<br>
<label for="language">Language Know:</label>
<p>(can select more than one)</p>
<input type="checkbox" id="language" name="language"
checked>C
<br>
<input type="checkbox" id="language" name="language">C++
<br>
<input type="checkbox" id="language" name="language">VB
<br>

```



```
<input type="checkbox" id="language"
name="language">J A V A
<br>
<input type="checkbox" id="language" name="language">ASP
<br>
<input type="checkbox" id="language"
name="language">Others
<br>
<br>
<label for="pwd">Enter your Password:</label>
<input type="password" id="pwd" name="pwd"
class="password">
<br>
<br>
<input type="reset" value="Reset" class="reset">
<input type="submit" value="submit">
</form>
</body>
</html>
```

## Output :

### ENTRY FORM

Enter your name:

Enter your age:

Enter your address:

sex: ☒ Female  
☐ Male

Nationality:

Language Know:  
(can select more than one)

☒ C  
☐ C++  
☐ VB  
☐ JAVA  
☐ ASP  
☐ Others

Enter your Password: