

**INDIAN INSTITUTE OF INFORMATION
TECHNOLOGY SONEPAT**



APPLICATION PROGRAMMING

LAB FILE

BY- Avi Raj

BRANCH -CSE

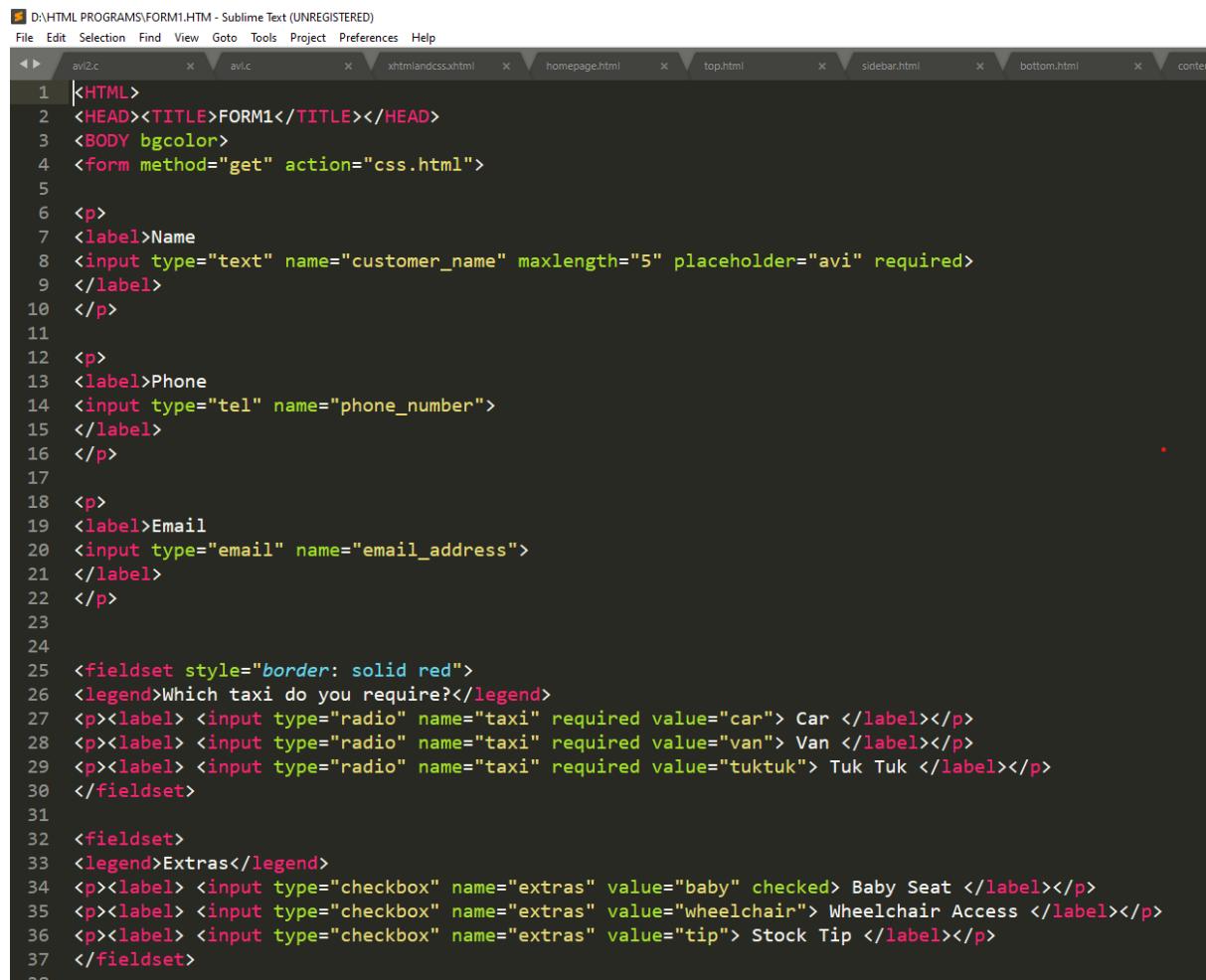
ROLL NO – 11911037

PROBLEM STATEMENT-

Creating a HTML Web page form

- Create a HTML file.
- Use form element for creating a form.
- Under form element create various input elements.
- Create a submit button for submitting the form.

CODE



```
1 <HTML>
2 <HEAD><TITLE>FORM1</TITLE></HEAD>
3 <BODY bgcolor>
4 <form method="get" action="css.html">
5
6 <p>
7 <label>Name
8 <input type="text" name="customer_name" maxlength="5" placeholder="avi" required>
9 </label>
10 </p>
11
12 <p>
13 <label>Phone
14 <input type="tel" name="phone_number">
15 </label>
16 </p>
17
18 <p>
19 <label>Email
20 <input type="email" name="email_address">
21 </label>
22 </p>
23
24
25 <fieldset style="border: solid red">
26 <legend>Which taxi do you require?</legend>
27 <p><label> <input type="radio" name="taxi" required value="car"> Car </label></p>
28 <p><label> <input type="radio" name="taxi" required value="van"> Van </label></p>
29 <p><label> <input type="radio" name="taxi" required value="tuktuk"> Tuk Tuk </label></p>
30 </fieldset>
31
32 <fieldset>
33 <legend>Extras</legend>
34 <p><label> <input type="checkbox" name="extras" value="baby" checked> Baby Seat </label></p>
35 <p><label> <input type="checkbox" name="extras" value="wheelchair"> Wheelchair Access </label></p>
36 <p><label> <input type="checkbox" name="extras" value="tip"> Stock Tip </label></p>
37 </fieldset>
```

PROBLEM-1(PART-1)

D:\HTML PROGRAMS\FORM1.HTM - Sublime Text (UNREGISTERED)

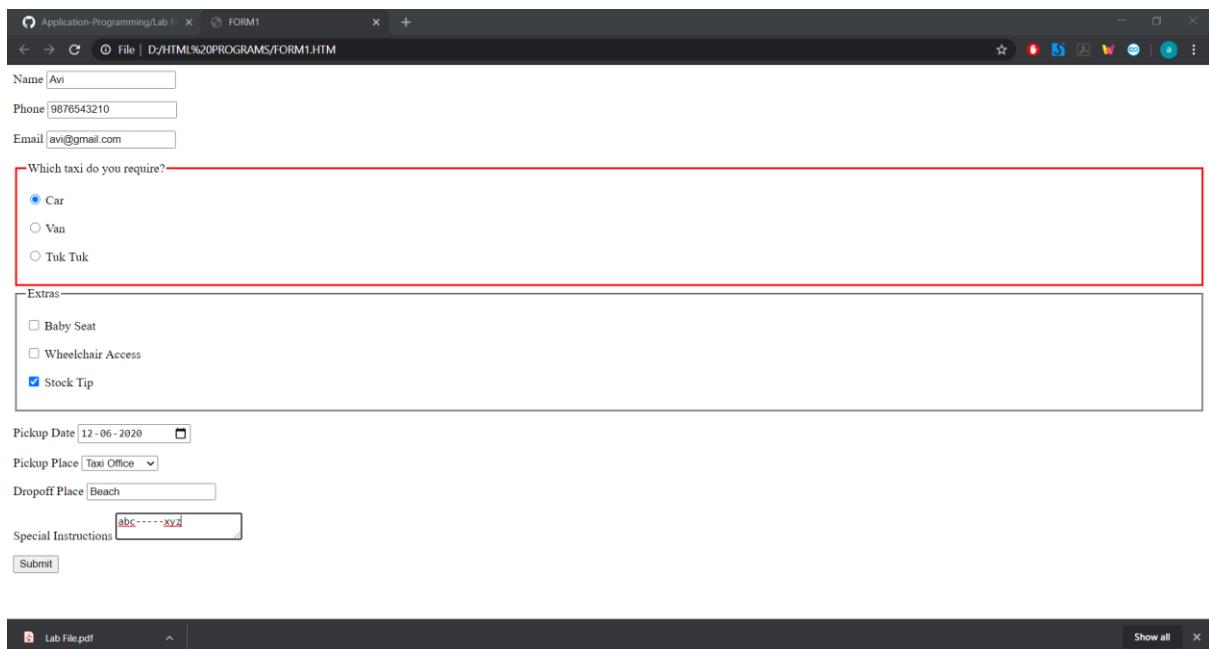
File Edit Selection Find View Goto Tools Project Preferences Help

av12.c av1.c xhtmlandcss.xhtml homepage.html top.html sidebar.html

```
38
39 <p>
40 <label>Pickup Date
41 <input type="date" name="pickup_time" required>
42 </label>
43 </p>
44
45 <p>
46 <label>Pickup Place
47 <select id="pickup_place" name="pickup_place">
48   <option value="" selected="selected">Select One</option>
49   <option value="office" >Taxi Office</option>
50   <option value="town_hall" >Town Hall</option>
51   <option value="telepathy" >We'll Guess!</option>
52 </select>
53 </label>
54 </p>
55
56 <p>
57 <label>Dropoff Place
58 <input type="text" name="dropoff_place" required list="destinations">
59 </label>
60
61 <datalist id="destinations">
62   <option value="Airport"/>
63   <option value="Beach"/>
64   <option value="Others"/>
65 </datalist>
66 </p>
67
68 <p>
69 <label>Special Instructions
70 <textarea name="comments" maxlength="500"></textarea>
71 </label>
72 </p>
73
74 <p><input type="submit" name="submit"></p>
75
76 </form>
77 </BODY>
78 </HTML>
```

PROBLEM-1(PART-2)

OUTPUT



Name: Avi

Phone: 9876543210

Email: avi@gmail.com

Which taxi do you require?

Car
 Van
 Tuk Tuk

Extras

Baby Seat
 Wheelchair Access
 Stock Tip

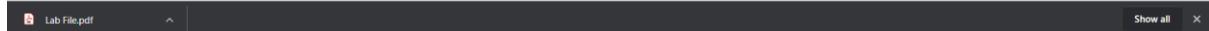
Pickup Date: 12-06-2020

Pickup Place: Taxi Office

Dropoff Place: Beach

Special Instructions: abc-----xvd

Submit

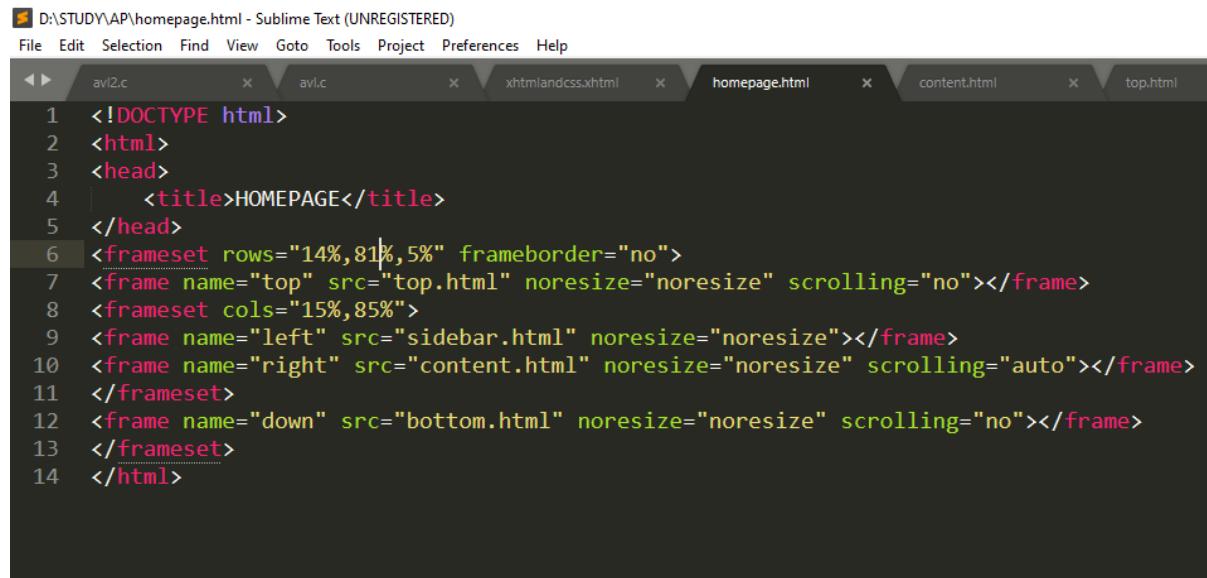


PROBLEM STATEMENT-

Creating Web Page using Html

- We will create a Home Page using only HTML
- Create a HTML file.
- Add your ideas using various html tags

CODE



D:\STUDY\AP\homepage.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

av2.c x avl.c x xhtmlandcss.xhtml x homepage.html x content.html x top.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>HOMEPAGE</title>
5 </head>
6 <frameset rows="14%,81%,5%" frameborder="no">
7 <frame name="top" src="top.html" noresize="noresize" scrolling="no"></frame>
8 <frameset cols="15%,85%">
9 <frame name="left" src="sidebar.html" noresize="noresize"></frame>
10 <frame name="right" src="content.html" noresize="noresize" scrolling="auto"></frame>
11 </frameset>
12 <frame name="down" src="bottom.html" noresize="noresize" scrolling="no"></frame>
13 </frameset>
14 </html>
```

Homepage

D:\STUDY\AP\top.html • - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

av2.c x avl.c x xhtmlandcss.xhtml x homepage.html x

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta name="viewport" content="width=device-width, initial-scale=1">
5
6 <style>
7 body {
8   margin: 0;
9   font-family: Arial, Helvetica, sans-serif;
10  background-color: #333;
11 }
12
13 .topnav {
14   overflow: hidden;
15  background-color: #333;
16 }
17
18 .topnav a {
19   float: left;
20   display: block;
21   color: #f2f2f2;
22   text-align: center;
23   padding: 14px 16px;
24   text-decoration: none;
25   font-size: 17px;
26 }
27
28 .topnav a:hover {
29   background-color: #ddd;
30   color: black;
31 }
32
33 .topnav a.active {
34   background-color: #4CAF50;
35   color: white;
36   margin-top: 15px;
37 }
38
39 .topnav a.mar {
40
41   margin-top: 15px;
42 }
43 .topnav .icon {
44   display: none;
45 }
46 .topnav.responsive a {
47   float: none;
48   display: block;
49   text-align: left;
50 }
51 }
52 </style>
53 </head>
54 <body>
55
56 <div class="topnav" id="myTopnav">
57 <a href="#home"></a>
58 <a href="#home" class="active">Home</a>
59 <a href="#news" class="mar">Follow Us</a>
60 <a href="#contact" class="mar">Contact</a>
61 <a href="#about" class="mar">About</a>
62
63 </div>
64
65
66 </body>
67 </html>
```

NAV BAR

D:\STUDY\AP\sidebar.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

av2.c avl.c xhtmlandcss.xhtml homepage.html content.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>sidebar</title>
5      <style type="text/css">
6          .sidenav {
7              height: 100%;
8              width: 0;
9              position: fixed;
10             z-index: 1;
11             top: 0;
12             left: 0;
13             background-color: #333;
14             overflow-x: hidden;
15             padding-top: 60px;
16             transition: 0.5s;
17         }
18         .sidenav a {
19             padding: 8px 8px 8px 32px;
20             text-decoration: none;
21             font-size: 25px;
22             color: #f2f2f2;
23             display: block;
24             transition: 0.3s;
25         }
26         .sidenav a:hover {
27             color: #f2f2f2;
28         }
29         .sidenav {
30             height: 100%;
31             width: 229px;
32             position: fixed;
33             z-index: 1;
34             top: 0;
35             left: 0;
36             background-color: #333;
37             overflow-x: hidden;
38             padding-top: 20px;
39         }
40     </style>
41 </head>
42 <body>
43     <div id="mySidenav" class="sidenav">
44         <a href="#">Moderators</a>
45         <a href="#">Discord Server</a>
46         <a href="#">YouTube Channel</a>
47         <a href="#">Contact</a>
48     </div>
49     </div>
50 </body>
51 </html>
```

SIDE BAR

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Content</title>
5     <style type="text/css">
6         p{
7             font-style: arvo;
8         }
9     </style>
10    </head>
11    <body background="image.jpg">
12        <center><p><h1><font color="white" face="arvo">GEEKY TALKS</font></h1></p>
13            <br/>
14            <br/>
15            <br/>
16        <p><pre><h1><font color ="white" face="arvo">Geeky Talks is a forum for the students of <span style="color:red">IIIT-S</span>
17        to help grow the <span style="color:blue">CODING</span> culture of the the institute</font></h1></pre></p>
18    </center>
19
20    </body>
21    </html>
```

CONTENT

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>bottom</title>
5     <style type="text/css">
6         body{
7             background-color: #4CAF50;
8             color: white;
9         }
10        pre{
11            color: white;
12        }
13    </style>
14 </head>
15 <body>
16 <pre>&copy; THIS PAGE IS CREATED BY AVI</pre>
17 </body>
18 </html>
```

BOTTOM

OUTPUT

The screenshot shows a web browser window with the following details:

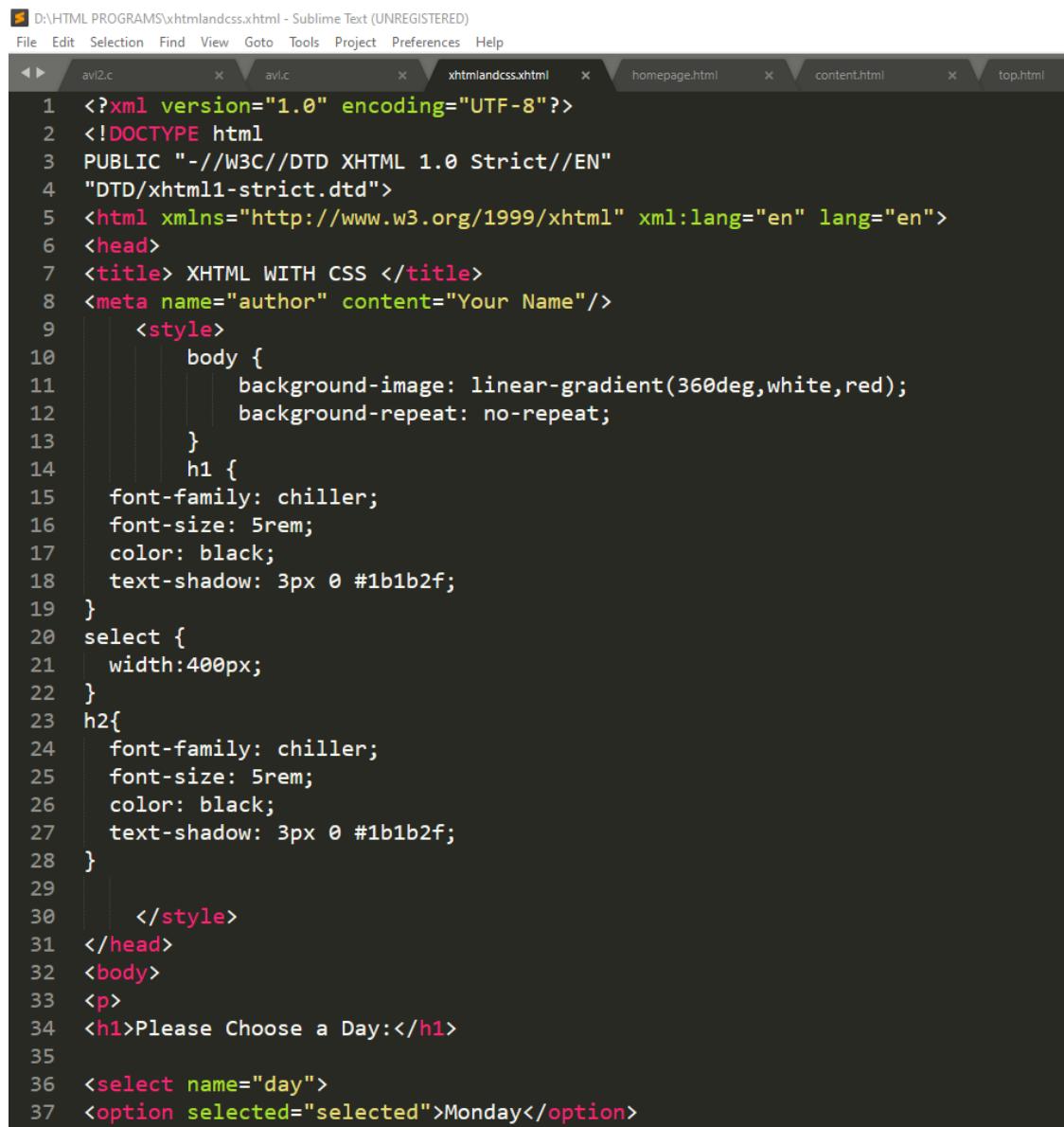
- Address Bar:** Application-Programming/Lab F... | FORM1 | HOMEPAGE
- Page Title:** File | D/STUDY/AP/homepage.html
- Top Navigation:** Home, Follow Us, Contact, About
- Left Sidebar:** Moderators, Discord Server, YouTube Channel, Contact
- Main Content Area:**
 - Image:** A top-down photograph of four hands interacting with three laptops and two tablets on a wooden desk.
 - Text:** GEEKY TALKS
Geeky Talks is a forum for the students of IIIT-S to help grow the CODING culture of the the institute
- Bottom Footer:** © THIS PAGE IS CREATED BY AVI

PROBLEM STATEMENT-

Creating Web Page using XHTML and CSS

- Create a XHTML file.
- Add details on the page.
- Create a CSS file and link it to your XHTML file using Link element.

CODE



```
D:\HTML PROGRAMS\xhtmlandcss.xhtml - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
av1.c x avl.c x xhtmlandcss.xhtml x homepage.html x content.html x top.html
1 <?xml version="1.0" encoding="UTF-8"?>
2 <!DOCTYPE html
3 PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
4 "DTD/xhtml1-strict.dtd">
5 <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
6 <head>
7 <title> XHTML WITH CSS </title>
8 <meta name="author" content="Your Name"/>
9     <style>
10        body {
11            background-image: linear-gradient(360deg,white,red);
12            background-repeat: no-repeat;
13        }
14        h1 {
15            font-family: chiller;
16            font-size: 5rem;
17            color: black;
18            text-shadow: 3px 0 #1b1b2f;
19        }
20    select {
21        width:400px;
22    }
23    h2{
24        font-family: chiller;
25        font-size: 5rem;
26        color: black;
27        text-shadow: 3px 0 #1b1b2f;
28    }
29
30    </style>
31 </head>
32 <body>
33 <p>
34 <h1>Please Choose a Day:</h1>
35
36 <select name="day">
37 <option selected="selected">Monday</option>
38 <option>Tuesday</option>
39 <option>Wednesday</option>
40 <option>Thursday</option>
41 <option>Friday</option>
42 <option>Saturday</option>
43 <option>Sunday</option>
44 </select>
45
46 <h2>Day Selected</h2>
47 <h3>The Day you Selected is:</h3>
48 <h3><span id="display"></span></h3>
```

D:\HTML PROGRAMS\xhtmlandcss.xhtml - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

avl2.c x avl.c x xhtmlandcss.xhtml x homepage.html x

```
32 <body>
33 <p>
34 <h1>Please Choose a Day:</h1>
35
36 <select name="day">
37 <option selected="selected">Monday</option>
38 <option>Tuesday</option>
39 <option>Wednesday</option>
40 <option>Thursday</option>
41 <option>Friday</option>
42 <option>Saturday</option>
43 <option>Sunday</option>
44 </select>
45 </p>
46 <h1>An Emoji</h1>
47
48 <h2>&#128512;</h2>
49 <footer>THIS PAGE IS CREATED AVI<br />
50 and this text is the footer section of the xhtml file
51 </footer>
52 </body>
53 </html>
```

XHTML WITH CSS EMBEDDED

OUTPUT

The screenshot shows a web browser window with a red gradient background. At the top, there are three tabs: "Application-Programming/Lab F1", "FORM1", and "HOMEPAGE". The "HOMEPAGE" tab is active. Below the tabs, the URL bar shows "File | D:/HTML%20PROGRAMS/xhtmlandcss.xhtml". The main content area contains the following text:

Please Choose a Day:
Monday

An Emoji

THIS PAGE IS CREATED AVI
and this text is the footer section of the xhtml file

EXPERIMENT-4

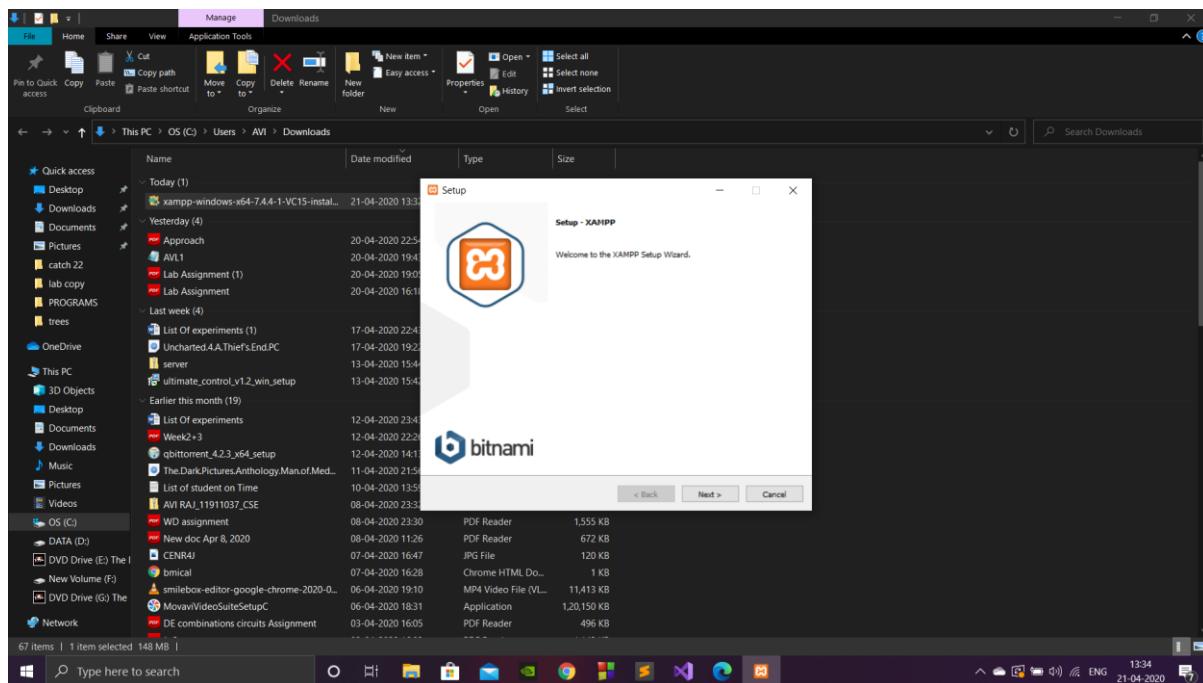
AVI RAJ

11911037

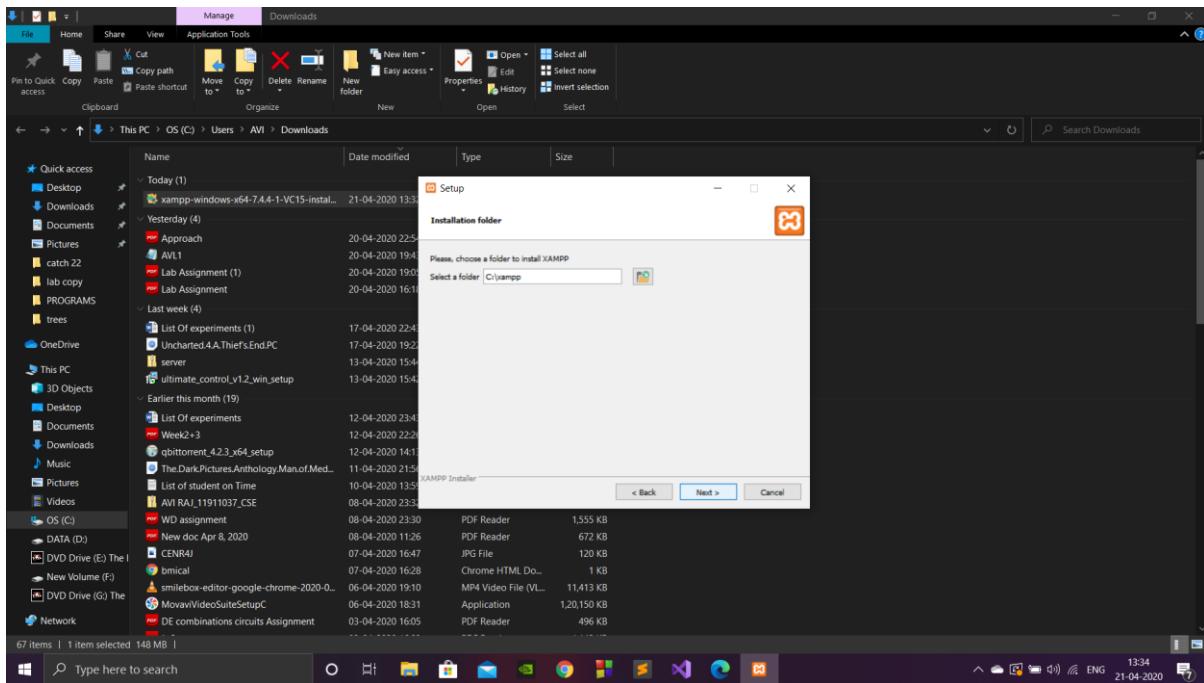
CSE

SETTING UP AND CONFIGURATION OF XAMPP SERVER

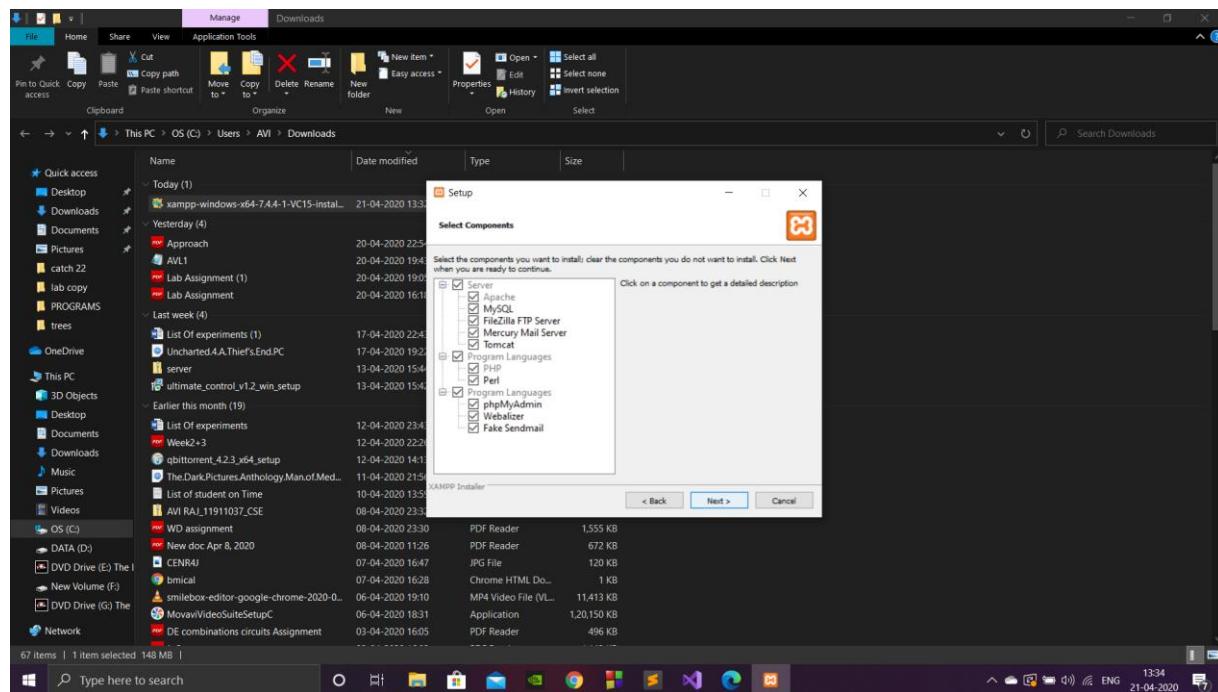
STEP-1



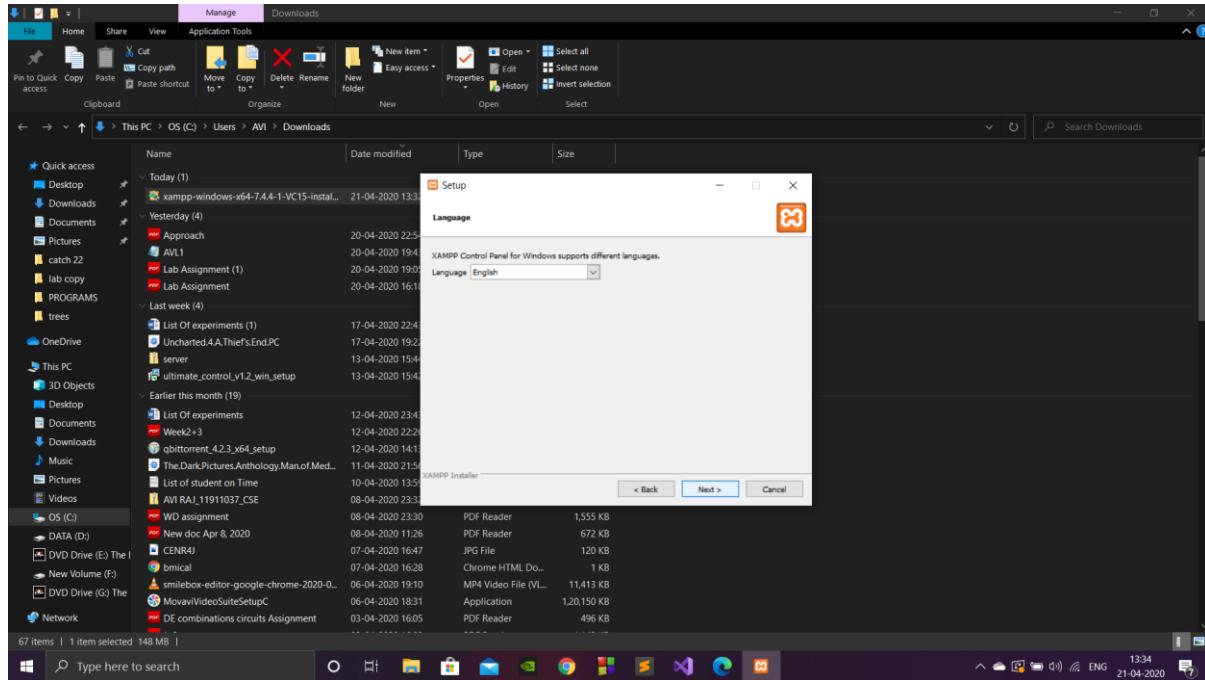
STEP-2



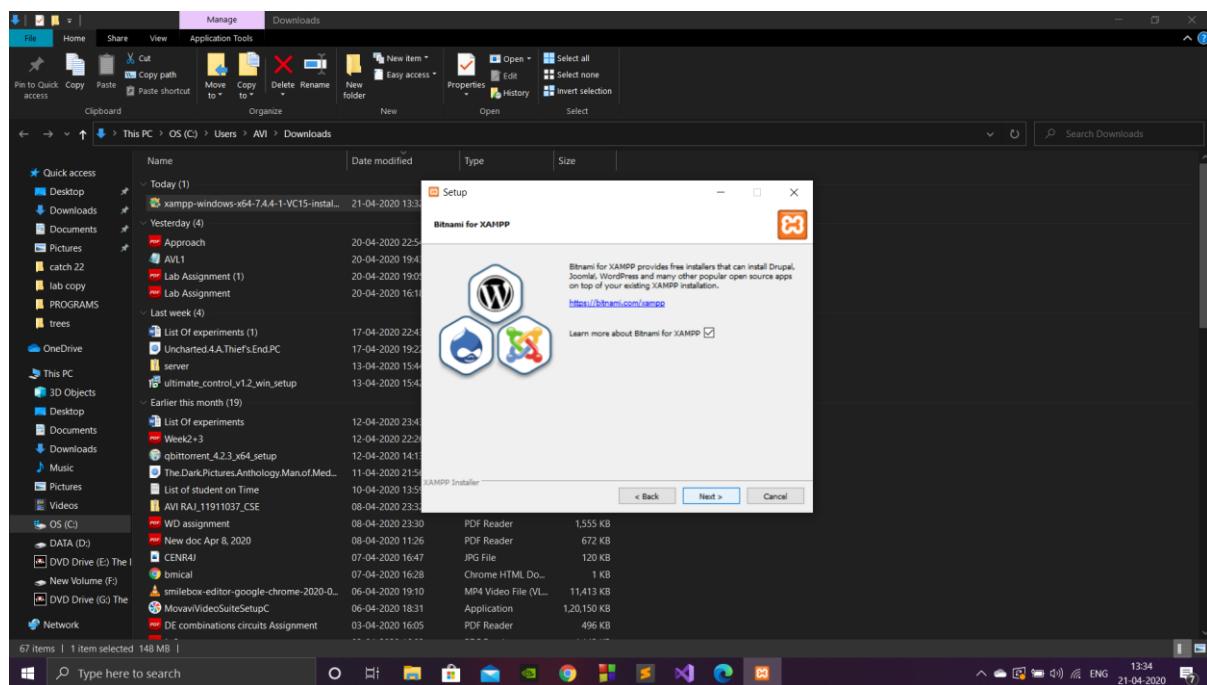
STEP-3



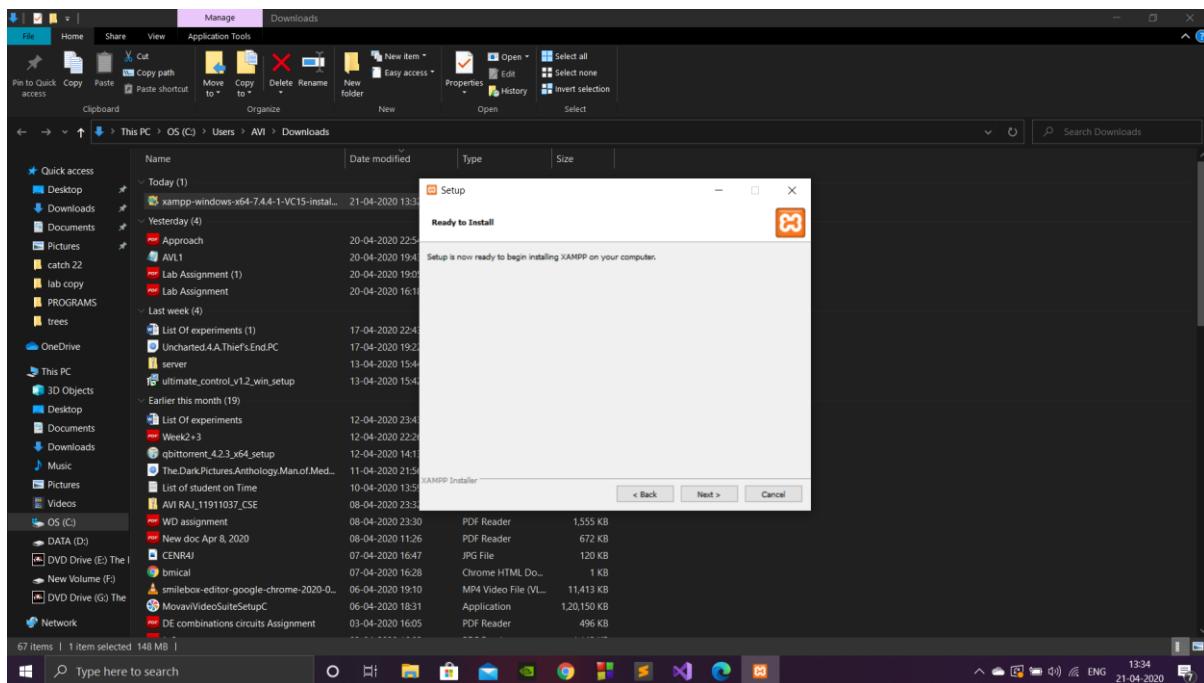
STEP-4



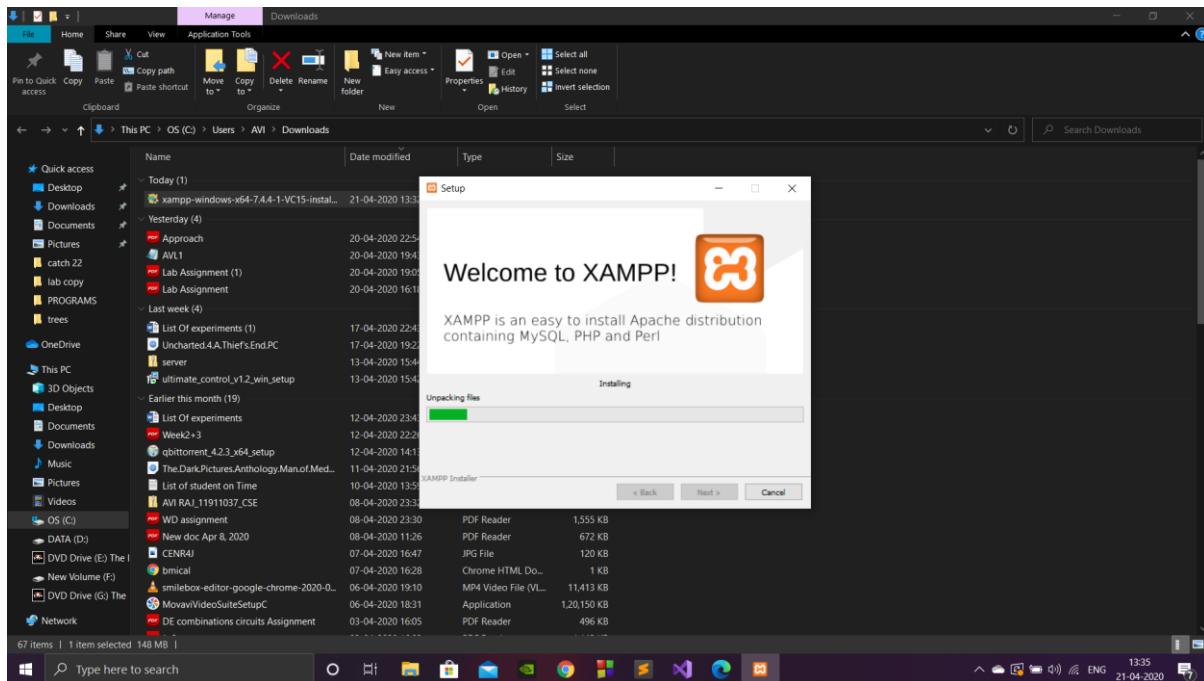
STEP-5



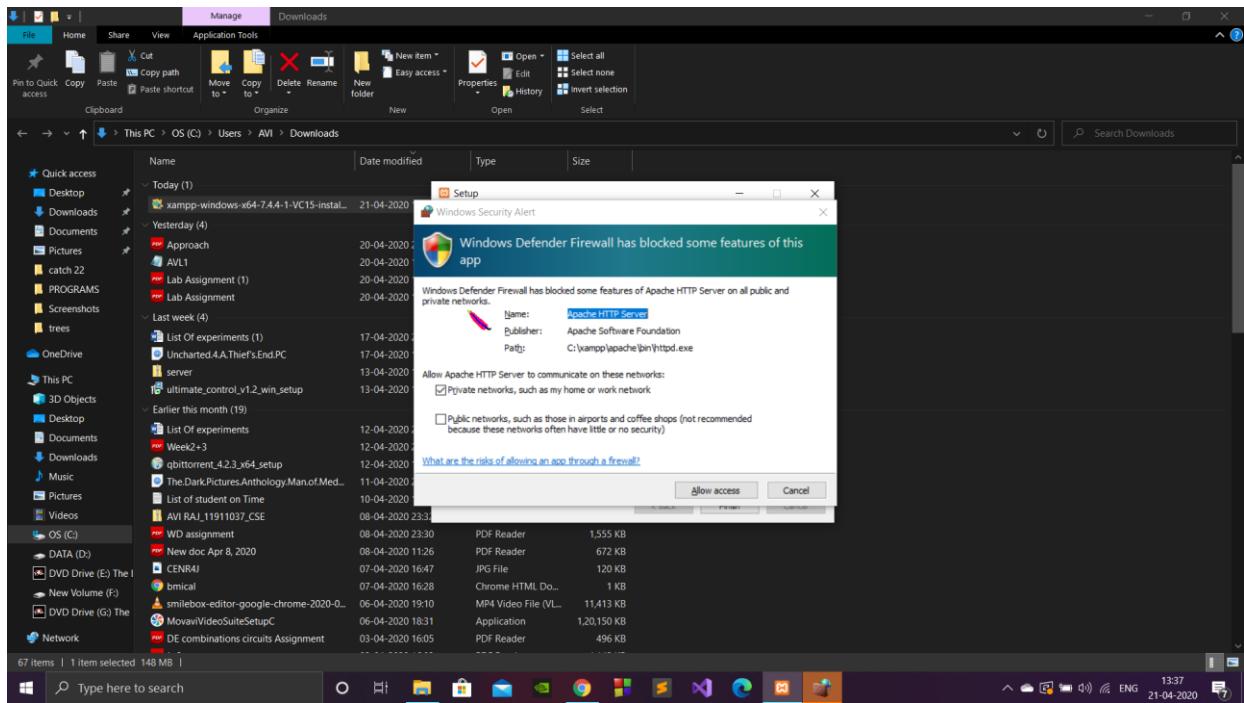
STEP-6



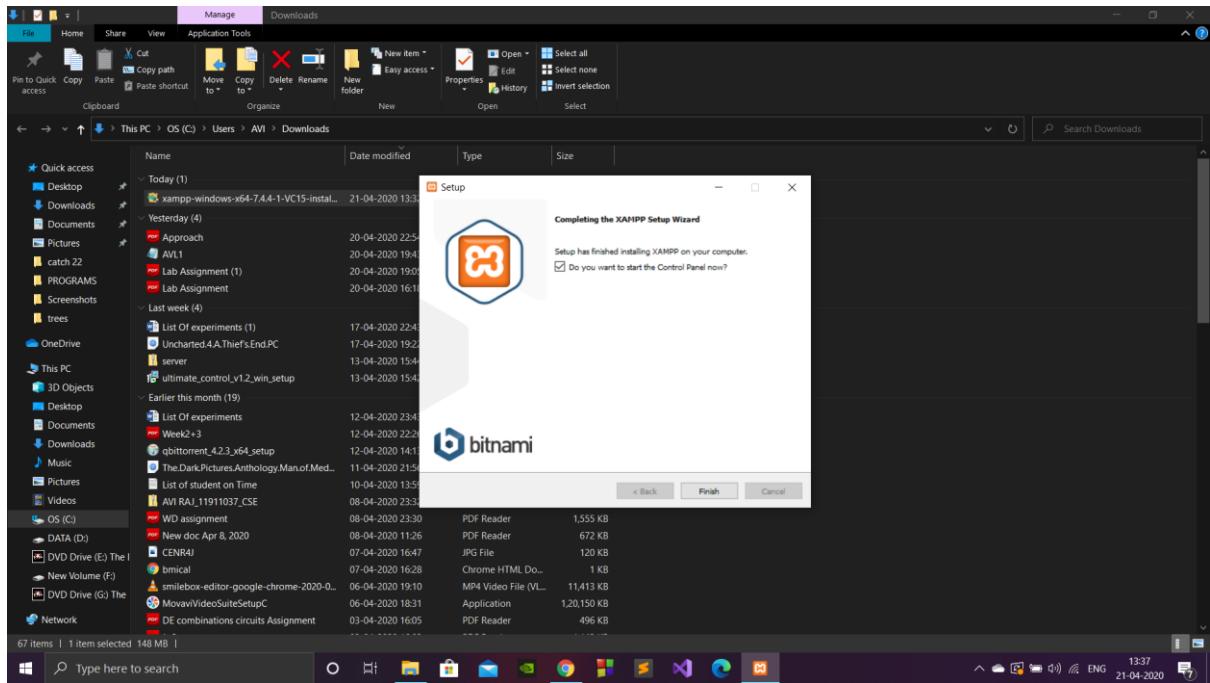
STEP-7



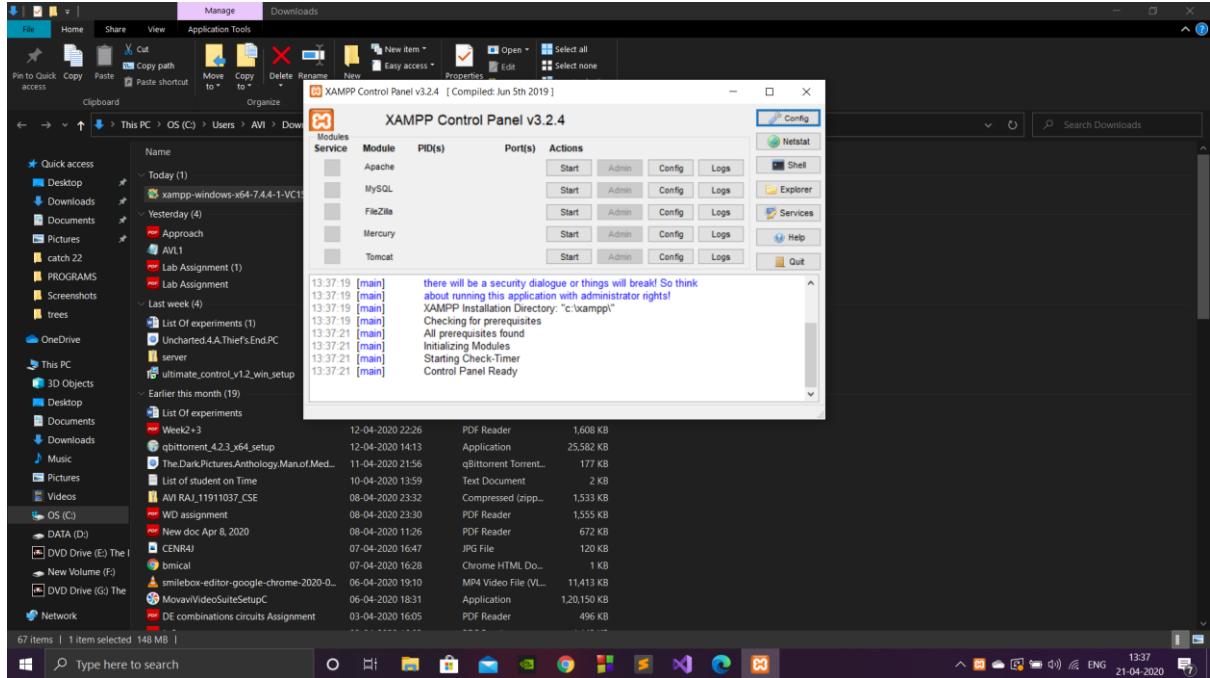
STEP-8



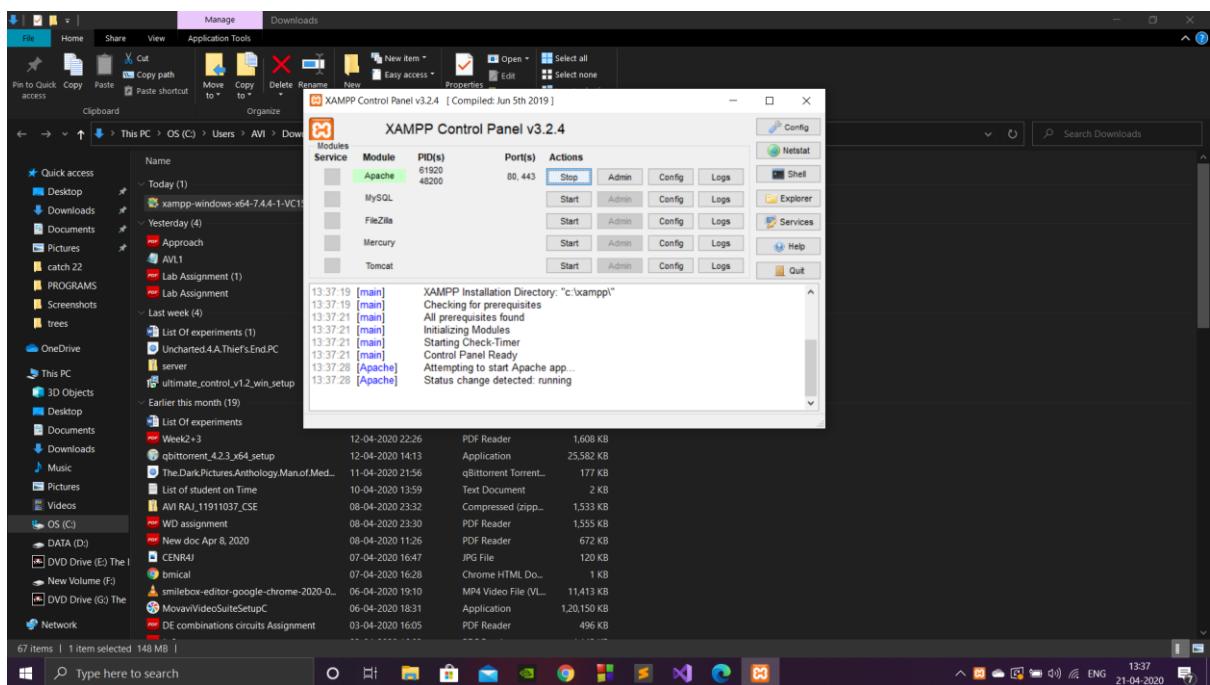
STEP-9



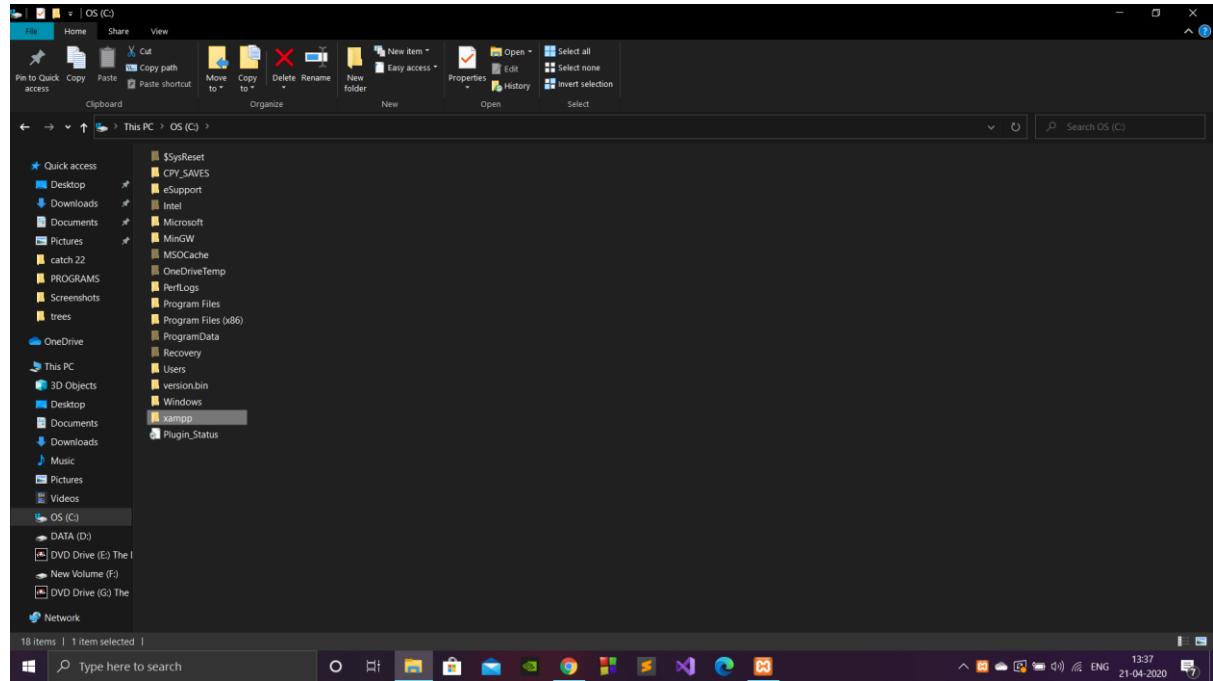
STEP-10



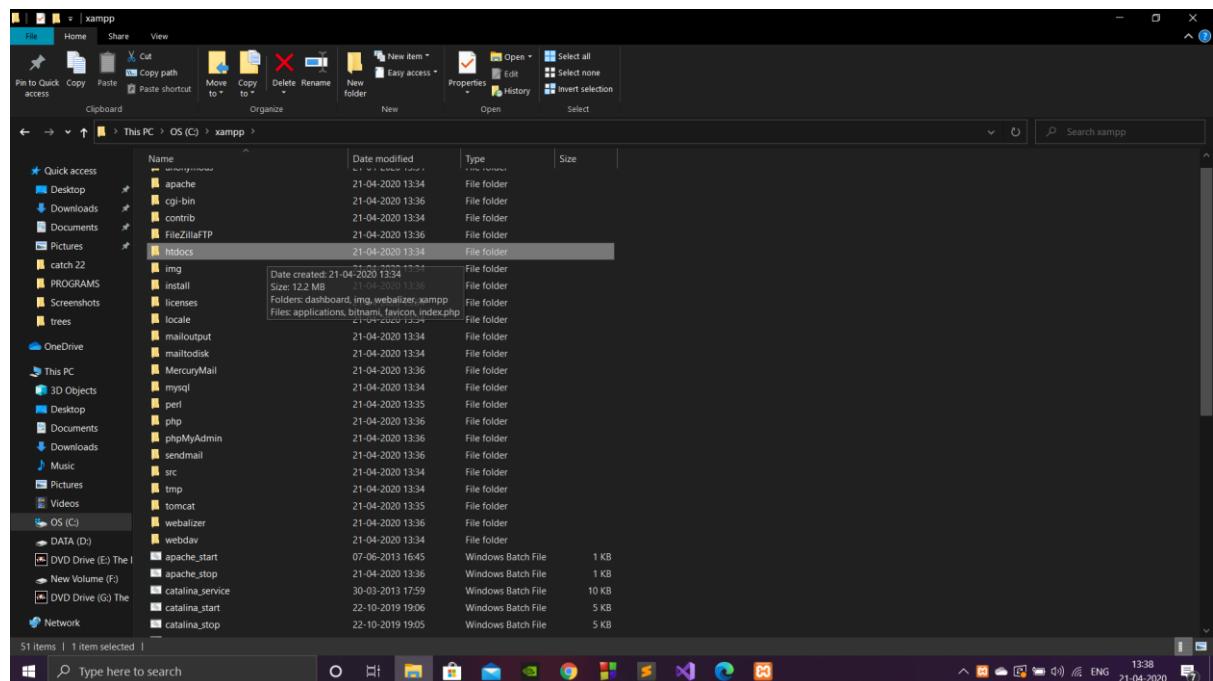
STEP-11



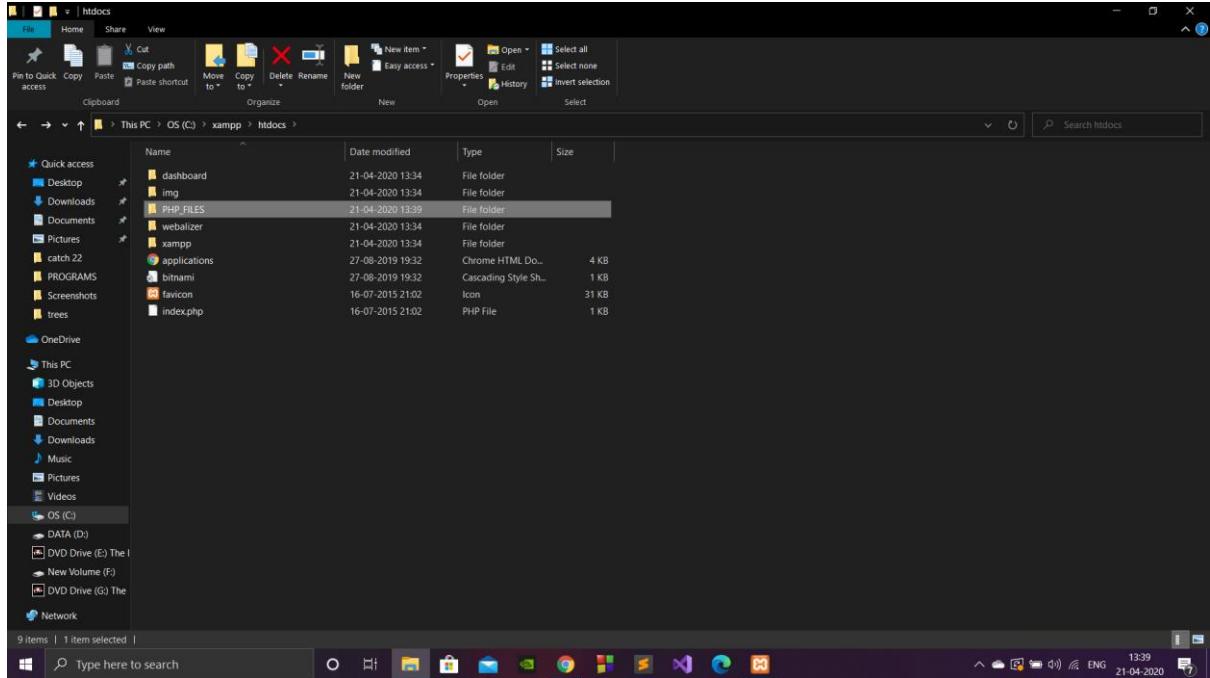
STEP-12



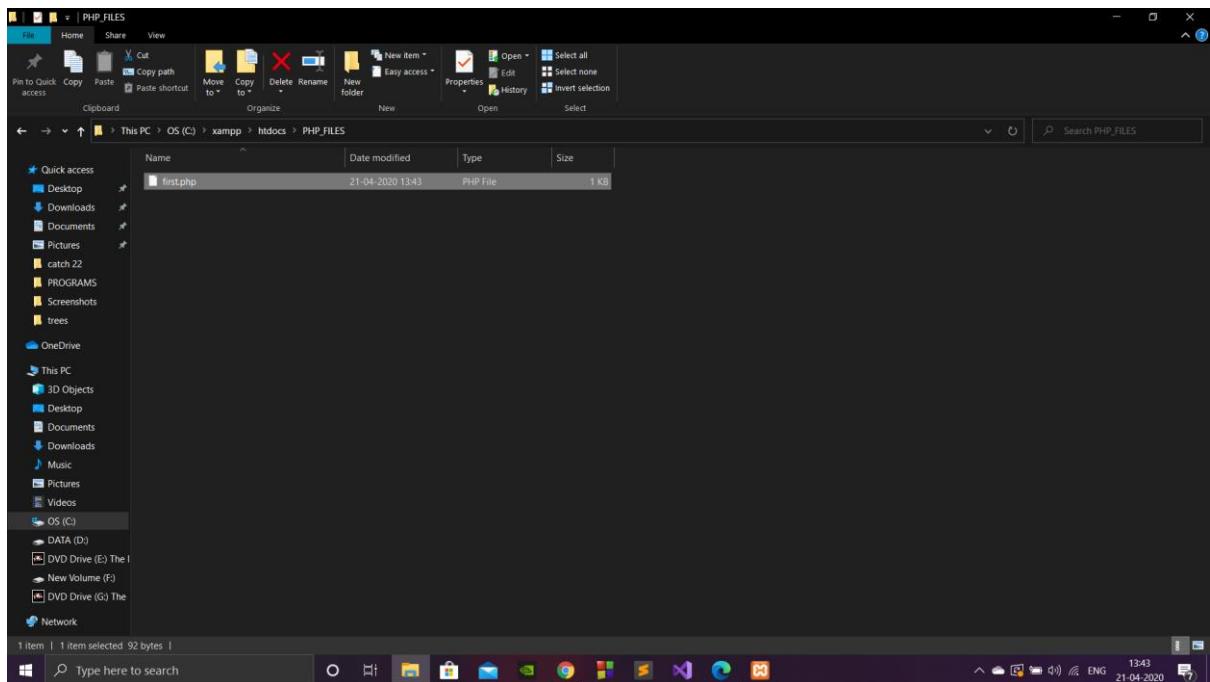
STEP-13



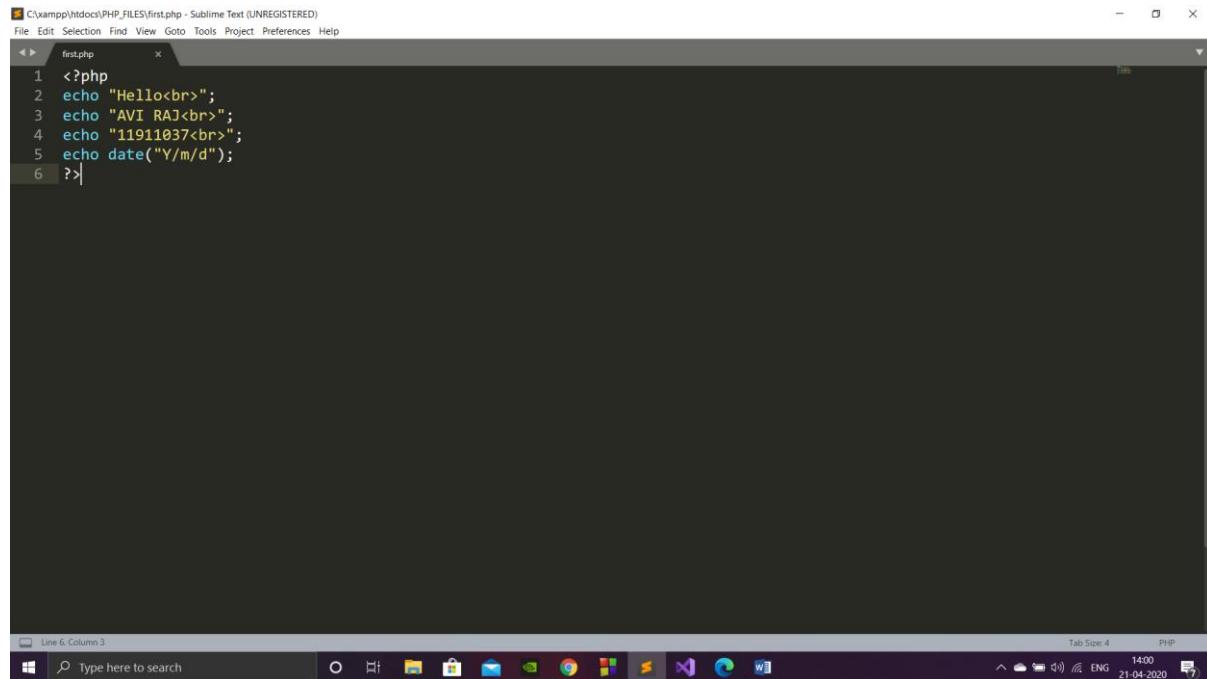
STEP-14



STEP-15(FIRST.PHP)



STEP-16(PHP-CODE)



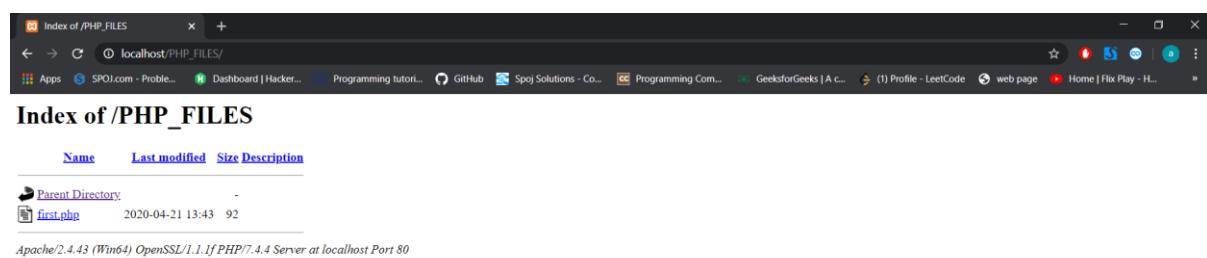
C:\xampp\htdocs\PHP_FILES\first.php - Sublime Text (UNREGISTERED)
File Edit Selection Find Goto Tools Project Preferences Help

```
first.php
1 <?php
2 echo "Hello<br>";
3 echo "AVI RAJ<br>";
4 echo "11911037<br>";
5 echo date("Y/m/d");
6 ?>
```

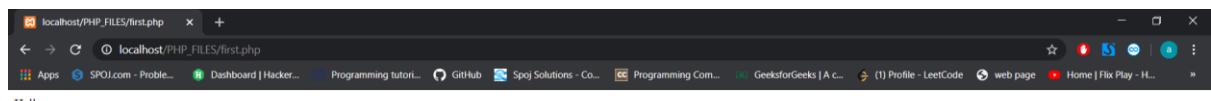
Line 6 Column 3 Tab Size: 4 PHP

Type here to search 14:00 21-04-2020

STEP-17



STEP-18



FILE SUCCESSFULLY CREATED AND WORKING.....

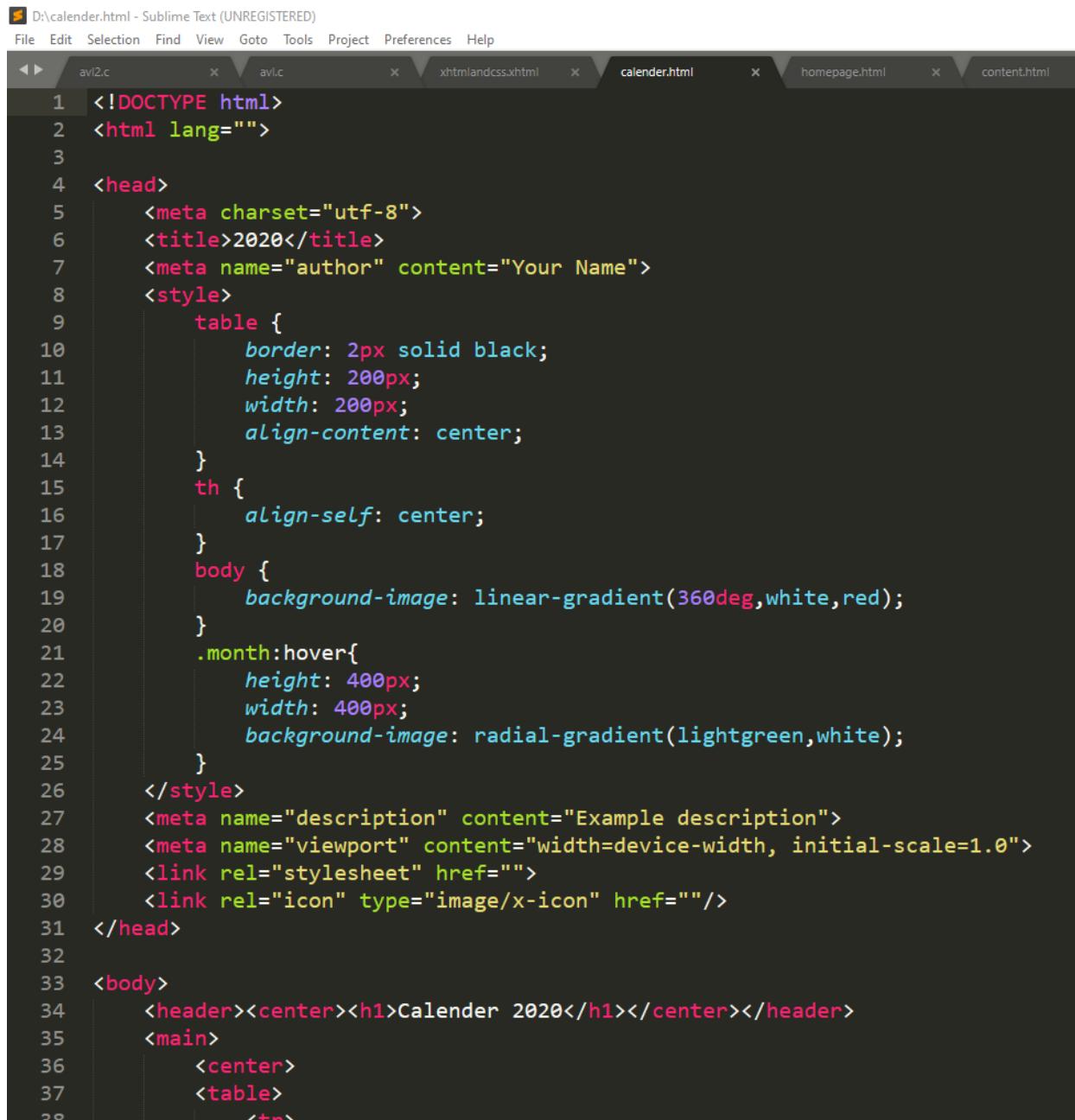
PROBLEM STATEMENT

Using HTML and CSS to Design a Responsive Calendar

PROCEDURE

- We will create a calendar using HTML
- Use CSS to style the page.

CODE



The screenshot shows a Sublime Text window with multiple tabs open. The active tab contains the following HTML and CSS code:

```
1 <!DOCTYPE html>
2 <html lang="">
3
4 <head>
5   <meta charset="utf-8">
6   <title>2020</title>
7   <meta name="author" content="Your Name">
8   <style>
9     table {
10       border: 2px solid black;
11       height: 200px;
12       width: 200px;
13       align-content: center;
14     }
15     th {
16       align-self: center;
17     }
18     body {
19       background-image: linear-gradient(360deg,white,red);
20     }
21     .month:hover{
22       height: 400px;
23       width: 400px;
24       background-image: radial-gradient(lightgreen,white);
25     }
26   </style>
27   <meta name="description" content="Example description">
28   <meta name="viewport" content="width=device-width, initial-scale=1.0">
29   <link rel="stylesheet" href="">
30   <link rel="icon" type="image/x-icon" href="">
31 </head>
32
33 <body>
34   <header><center><h1>Calender 2020</h1></center></header>
35   <main>
36     <center>
37       <table>
38         <tr>
```

D:\calender.html - Sublime Text (UNREGISTERED)

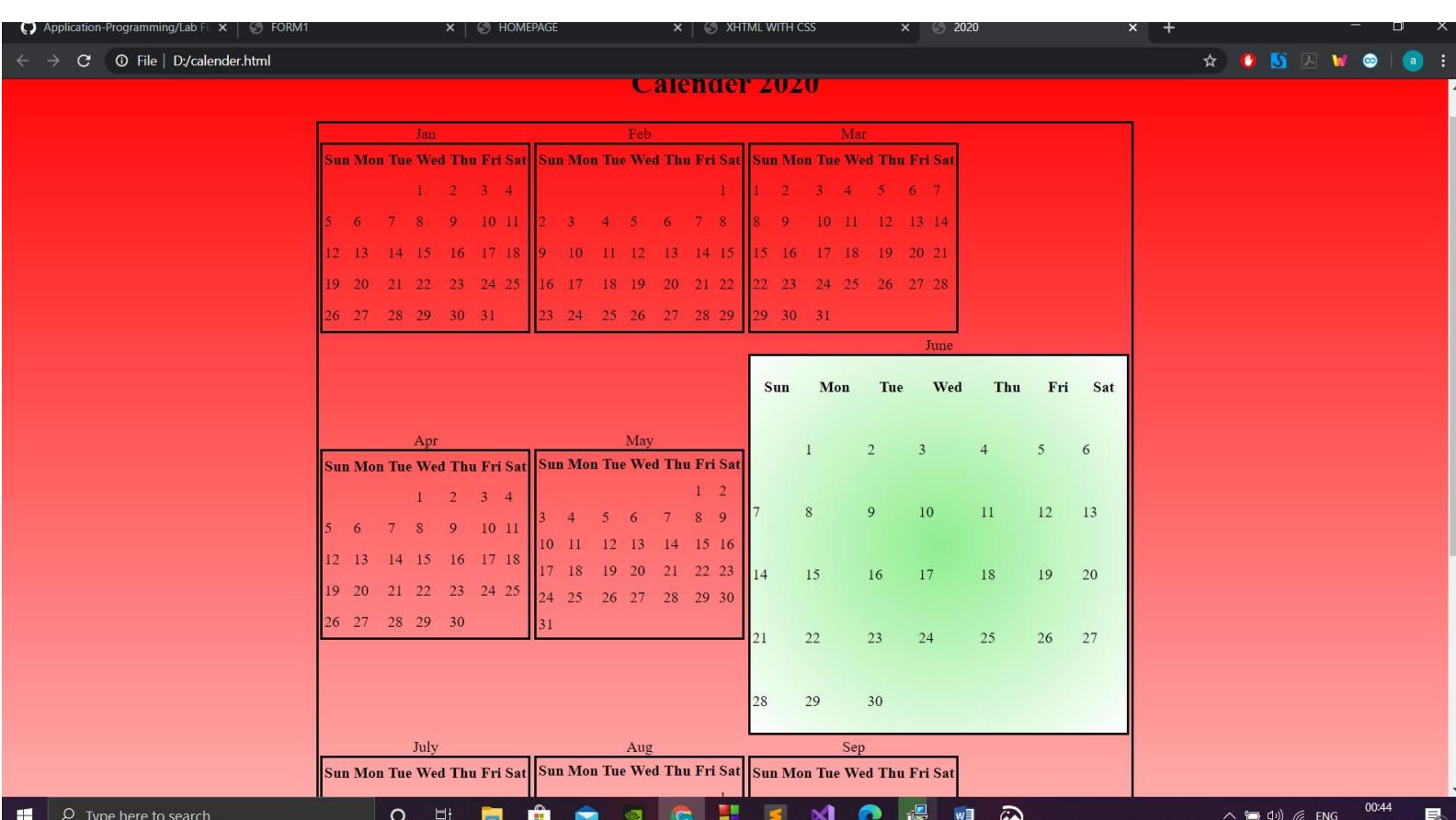
File Edit Selection Find View Goto Tools Project Preferences Help

avl2.c x avl.c x xhtmlandcss.xhtml x calender.html x homepage.html

```
33 <body>
34     <header><center><h1>Calender 2020</h1></center></header>
35     <main>
36         <center>
37             <table>
38                 <tr>
39                     <td>
40                         <table class="month">
41                             <caption>Jan</caption>
42                             <tr>
43                                 <th>Sun</th>
44                                 <th>Mon</th>
45                                 <th>Tue</th>
46                                 <th>Wed</th>
47                                 <th>Thu</th>
48                                 <th>Fri</th>
49                                 <th>Sat</th>
50                         </tr>
51                         <tr>
52                             <td></td>
53                             <td></td>
54                             <td></td>
55                             <td>1</td>
56                             <td>2</td>
57                             <td>3</td>
58                             <td>4</td>
59                         </tr>
60                         <tr>
61                             <td>5</td>
62                             <td>6</td>
63                             <td>7</td>
64                             <td>8</td>
65                             <td>9</td>
66                             <td>10</td>
67                             <td>11</td>
68                         </tr>
69                         <tr>
```

**THE REST OF THE PART IS SKIPPED DUE TO
RETUNDANT INFORMATION**

OUTPUT



PROBLEM STATEMENT

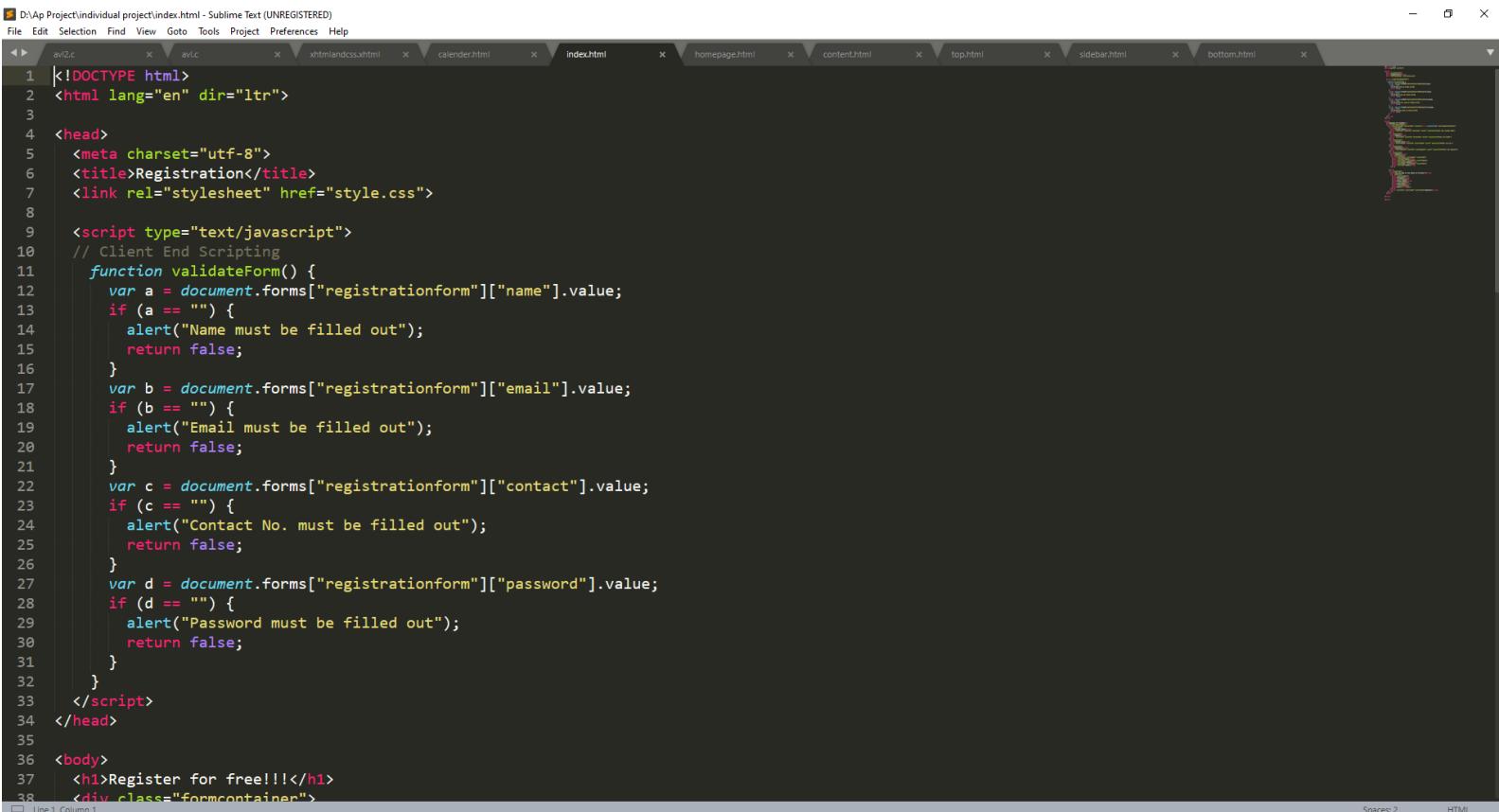
Creating Website Using PHP

PROCEDURE

- We will create a Registration Website using PHP.
- Create a Html file containing a form.
- The details entered by user will be handled by PHP.

CODE

HTML FILE



The screenshot shows a Sublime Text window with multiple tabs open. The active tab contains the following HTML code for a registration form:

```
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3
4 <head>
5   <meta charset="utf-8">
6   <title>Registration</title>
7   <link rel="stylesheet" href="style.css">
8
9   <script type="text/javascript">
10  // Client End Scripting
11  function validateForm() {
12    var a = document.forms["registrationform"]["name"].value;
13    if (a == "") {
14      alert("Name must be filled out");
15      return false;
16    }
17    var b = document.forms["registrationform"]["email"].value;
18    if (b == "") {
19      alert("Email must be filled out");
20      return false;
21    }
22    var c = document.forms["registrationform"]["contact"].value;
23    if (c == "") {
24      alert("Contact No. must be filled out");
25      return false;
26    }
27    var d = document.forms["registrationform"]["password"].value;
28    if (d == "") {
29      alert("Password must be filled out");
30      return false;
31    }
32  }
33  </script>
34 </head>
35
36 <body>
37   <h1>Register for free!!!</h1>
38   <div class="formcontainer">
```

D:\Ap Project\individual project\index.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

av2.c x avlc x xhtmlandcss.xhtml x calendar.html x index.html homepage.html content.html top.html sidebar.html bottom.html

```
38 <div class="formcontainer">
39   <form action="reg.php" method="post" onsubmit="return validateForm()" name="registrationform">
40     <div class="data">
41       <label>Avataar Name:</label>
42       <input type="text" class="ab" name="name" value="" placeholder="Enter Your Avataar Name">
43     </div>
44     <div class="data">
45       <label>Email:</label>
46       <input type="email" class="ab" name="email" value="" placeholder="Enter Your Email">
47     </div>
48     <div class="data">
49       <label>Contact No.</label>
50       <input type="Contact" class="ab" name="contact" value="" placeholder="Enter Your No.">
51     </div>
52     <div class="data">
53       <label>Password:</label>
54       <input type="password" class="ab" name="password" value="" placeholder="Enter Your Password">
55     </div>
56     <div class="data">
57       <label>Gender:</label>
58       <div class="gender">
59         <input type="radio" name="gender" value="male">
60         <label for="male">Male</label>
61         <input type="radio" name="gender" value="female">
62         <label for="female">Female</label>
63         <input type="radio" name="gender" value="other">
64         <label for="other">Other</label>
65       </div>
66     </div>
67     <div class="data">
68       <label>How you came yo know about our services ?</label>
69     <div class="cd">
70       <input type="checkbox">
71       <label>Newspaper</label>
72       <input type="checkbox">
73       <label>Social Media</label>
74       <input type="checkbox">
75       <label>Television</label>
76       <input type="checkbox">
77       <label>Other</label>
78     </div>
79   </div>
80   <button class="btn" type="submit" name="button">Register</button>
81 </form>
82 </div>
83 </body>
84 </html>
```

Line 84, Column 1

Spaces: 2 HTML

PHP FILE

D:\Ap Project\individual project\reg.php - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

av2.c x avlc x xhtmlandcss.xhtml x calendar.html x index.html reg.php homepage.html content.html top.html sidebar.html bottom.html

```
1 <!DOCTYPE html>
2 <!-- server end scripting -->
3 <html lang="en" dir="ltr">
4   <head>
5     <meta charset="utf-8">
6     <title>Welcome</title>
7     <link rel="stylesheet" href="style.css">
8   </head>
9   <body>
10  <h1>Congratulations! You are one of us now.</h1>
11  <p class="details">Welcome <?php echo $_POST["name"]; ?>
12  <br>
13  Your email address is: <?php echo $_POST["email"]; ?>
14  <br>
15  Your contact no. is: <?php echo $_POST["contact"]; ?>
16  <br>
17  </p>
18 </body>
19 </html>
```

Line 1, Column 1

Tab Size: 4 PHP

CSS File

```
D:\Ap Project\individual project\style.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
av2.c x av1.c x xhtmlandcss.xhtml x calendar.html x index.html x reg.php x style.css x homepage.html x content.html x top.html x sidebar.html x bottom.html x
1 body{
2   background-color: #ff4848;
3 }
4 h1{
5   font-family: monospace;
6   font-size: 50px;
7   margin: 80px;
8   color: white;
9   text-align: center;
10 }
11 .formcontainer{
12   background-color: white;
13   padding: 50px;
14   margin: 30px 250px;
15   border-radius: 5%;
16 }
17 label{
18   font-family:sans-serif;
19   color:#706c61;
20   font-weight: bold;
21   font-size: 20px;
22 }
23 .ab:hover{
24   background-color: #ebebe3;
25 }
26 .data{
27   padding: 20px;
28 }
29 .ab{
30   display: block;
31   width: 100%;
32   margin:10px 0;
33   height: 30px;
34 }
35 .gender label{
36   margin-right:25px;
37   font-size: 18px;
38   font-weight: normal;
39   font-family: serif;
40 }
41 .gender{
42   margin: 10px 0;
43 }
44 .btn{
45   font-size: 20px;
46   display: block;
47   margin: 5px auto;
48   margin-top: 70px;
49   text-align: center;
50   color: white;
51   cursor: pointer;
52   background-color: #323232;
53   padding: 10px 50px;
54   border-radius:20px;
55 }
56 .details{
57   font-size: 40px;
58   line-height: 2;
59   background-color: white;
60   padding: 50px;
61   margin: 30px 300px;
62   border-radius: 20px;
63   text-align: center;
64 }
```

```
D:\Ap Project\individual project\style.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
av2.c x av1.c x xhtmlandcss.xhtml x calendar.html x index.html x reg.php x style.css x homepage.html x content.html x top.html x sidebar.html x bottom.html x
37   font-size: 18px;
38   font-weight: normal;
39   font-family: serif;
40 }
41 .gender{
42   margin: 10px 0;
43 }
44 .btn{
45   font-size: 20px;
46   display: block;
47   margin: 5px auto;
48   margin-top: 70px;
49   text-align: center;
50   color: white;
51   cursor: pointer;
52   background-color: #323232;
53   padding: 10px 50px;
54   border-radius:20px;
55 }
56 .details{
57   font-size: 40px;
58   line-height: 2;
59   background-color: white;
60   padding: 50px;
61   margin: 30px 300px;
62   border-radius: 20px;
63   text-align: center;
64 }
```

OUTPUT

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is titled "Registration" and has the URL "localhost/PHP_FILES/individual%20project/reg.php". The page content is a registration form with a red border. It includes fields for "Avatar Name" (containing "AVI"), "Email" (containing "avi@gmail.com"), "Contact No." (containing "9876543210"), "Password" (containing "..."), and "Gender" (with radio buttons for Male, Female, and Other, where Male is selected). Below these fields is a question "How you came yo know about our services ?" followed by three options: "Newspaper" (unchecked), "Social Media" (checked), "Television" (unchecked), and "Other" (unchecked). A "Register" button is located at the bottom of the form.

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is titled "Welcome" and has the URL "localhost/PHP_FILES/individual%20project/reg.php". The page content displays a large yellow box containing the text "Congratulations! You are one of us now." and "Welcome AVI". Below this, it lists the registered details: "Your email address is: avi@gmail.com" and "Your contact no. is: 9876543210".

Congratulations! You are one of us now.

Welcome AVI

Your email address is: avi@gmail.com

Your contact no. is: 9876543210

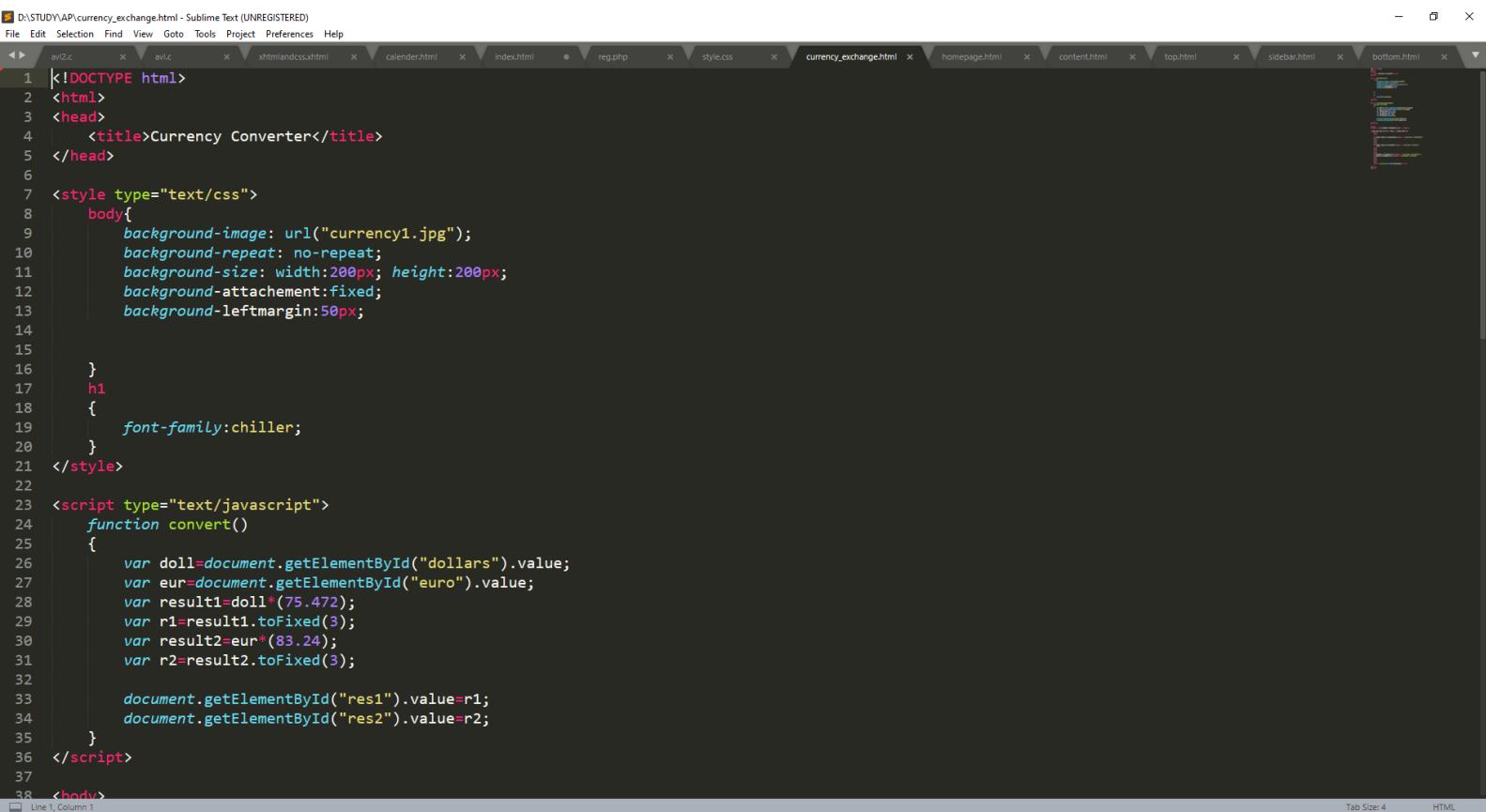
PROBLEM STATEMENT

Understanding JavaScript

PROCEDURE

- We will create a Currency Exchanger using JavaScript
- The JS will handle calculation and rest of the styling will be done using html and CSS.

CODE



D:\STUDY\AP\currency_exchange.html - Sublime Text (UNREGISTERED)

```
<!DOCTYPE html>
<html>
<head>
    <title>Currency Converter</title>
</head>
<style type="text/css">
body{
    background-image: url("currency1.jpg");
    background-repeat: no-repeat;
    background-size: width:200px; height:200px;
    background-attachment:fixed;
    background-leftmargin:0px;
}

h1
{
    font-family:chiller;
}
</style>
<script type="text/javascript">
function convert()
{
    var doll=document.getElementById("dollars").value;
    var eur=document.getElementById("euro").value;
    var result1=doll*(75.472);
    var r1=result1.toFixed(3);
    var result2=eur*(83.24);
    var r2=result2.toFixed(3);

    document.getElementById("res1").value=r1;
    document.getElementById("res2").value=r2;
}
</script>
</body>
```

Line 1, Column 1

Tab Size: 4

HTML

```
D:\STUDY\AP\currency_exchange.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
av1.c x av1.c x xhtmlandcssxhtml x calendar.html x index.html reg.php x style.css x currency_exchange.html x homepage.html x content.html x top.html x sidebar.html x bottom.html x
38 <body>
39 <h1><marquee><b>CURRENCY CONVERTER</b></marquee></h1>
40
41 <p>all rate are as of 7<sup>th</sup> April 2020 </p>
42 <hr>
43 <br>
44
45 <h2>Enter Amount in Dollars($):</h2><input type="text" id="dollars">
46 <br>
47 <br>
48 <br>
49 <br>
50 <h2>Enter Amount in Euros(€):</h2><input type="text" id="euro">
51 <br>
52 <br>
53 <br>
54 <br>
55 <br>
56 <h2>Dollars in Rupee(₹) is: </h2><input type="text" id="res1"><br>
57 <h2>Euros in Rupee(₹) is: </h2><input type="text" id="res2">
58 <br>
59 <br>
60 <br>
61 <br>
62 <button onclick="convert()">Calculate</button>
63
64 </body>
65 </html>
```

OUTPUT

Line 1, Column 1 Tab Size: 4 HTML

Application-Programm x | FORM1 x | HOMEPAGE x | XHTML WITH CSS x | 2020 x | Welcome x | Currency Converter x +

File | D:/STUDY/AP/currency_exchange.html

all rate are as of 7th April 2020



Enter Amount in Dollars(\$):

Enter Amount in Euros(€):

Dollars in Rupee(₹) is:

75.472

Euros in Rupee(₹) is:

83.240

Calculate

PROBLEM STATEMENT

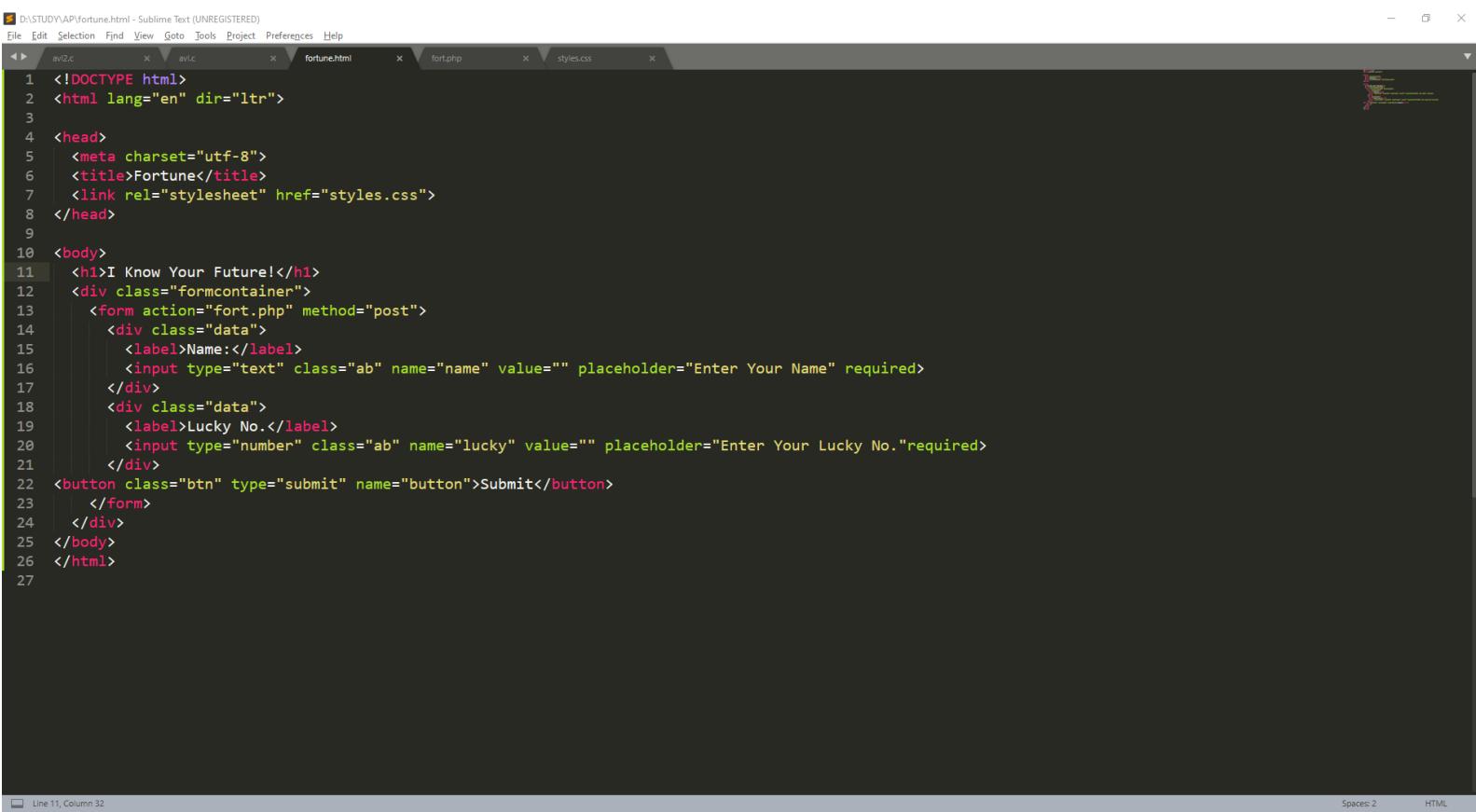
Creating a Web Page with Back end in PHP and front end in JavaScript and hosting it on Apache Tomcat Server

PROCEDURE

- We will create a fortune teller webpage that takes your details and tell your Fortune.
- The registration part will be handled by PHP.
- JavaScript will handle the fortune telling part.

CODE

HTML FILE



A screenshot of the Sublime Text editor showing the content of the fortune.html file. The file contains HTML code for a fortune teller application. It includes a title, meta tags, and a form for user input. The code is color-coded for syntax highlighting, and line numbers are visible on the left.

```
D:\STUDY\YAP\fortune.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
av2.c x avlc x fortune.html x fort.php x styles.css x
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3
4 <head>
5   <meta charset="utf-8">
6   <title>Fortune</title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9
10 <body>
11   <h1>I Know Your Future!</h1>
12   <div class="formcontainer">
13     <form action="fort.php" method="post">
14       <div class="data">
15         <label>Name:</label>
16         <input type="text" class="ab" name="name" value="" placeholder="Enter Your Name" required>
17       </div>
18       <div class="data">
19         <label>Lucky No.</label>
20         <input type="number" class="ab" name="lucky" value="" placeholder="Enter Your Lucky No." required>
21       </div>
22     <button class="btn" type="submit" name="button">Submit</button>
23   </form>
24 </div>
25 </body>
26 </html>
27
```

PHP FILE

```
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3   <head>
4     <meta charset="utf-8">
5     <title>Welcome</title>
6     <link rel="stylesheet" href="styles.css">
7   </head>
8   <body onload="fortuneteller()">
9     <h1>Welcome <?php echo $_POST["name"]; ?></h1>
10    <p id="fortune"></p> <script type="text/javascript"> function fortuneteller(){
11      var x = Math.floor(Math.random() * 100); if (x<=30){
12        document.getElementById("fortune").innerHTML = "Your Day will be tough. Be ready to face challenges.";
13      }
14      else { if(x<=60) document.getElementById("fortune").innerHTML = "Your Day will be fine and peaceful."; else
15        document.getElementById("fortune").innerHTML = "Your Day will be superb and filled with surprises.";
16      }
17    }
18
19  </script>
20 </body>
21 </html>
```

CSS FILE

```
1 body{
2   background-color: #204051;
3 }
4 h1{
5   font-family: monospace;  font-size: 50px;  margin: 80px;  color: white;  text-align: center;
6 }
7 .formcontainer{  display: block;  background-color: white;  width: 30%;  padding: 5rem;  margin: auto;  border-radius: 5%;}
8 }
9 label{
10   font-family:sans-serif;  color:#706c61;  font-weight: bold;  font-size: 20px;
11 }
12 .ab:hover{  background-color: #ebebe3;
13 }
14 .data{  padding: 20px;
15 } .ab{  display: block;  width: 100%;  margin:10px 0;  height: 30px;
16 }
17
18 .btn{  font-size: 20px;  display: block;  margin: 5px auto;  margin-top: 70px;  text-align: center;  color: white;  cursor: pointer;  backg
19 }
20 #fortune{  font-size: 7rem;  text-align: center;  background-color: white;  display: block;  margin: auto;  margin-top: 10rem;  width: 50%;
21 }
```

OUTPUT

Fortune

localhost/PHP_FILES/ap/fortune.html

I Know Your Future!

Name:

Lucky No.

Welcome

localhost/PHP_FILES/ap/fort.php

Welcome AVI

Your Day will be
tough. Be ready to
face challenges.