INDIAN INSTITUTE OF INFORMATION TECHNOLOGY SONEPAT

APPLICATION PROGRAMMING
LAB FILE

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BRANCH - CSE
ROLL NO – 11911051

11911051

PROBLEM STATEMENT

Creating a HTML Web page form

PROCEDURE

- 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

```
<!DOCTYPE html>
<html>
<head>
        <title>Registration Page</title>
        <style type="text/css">
                * {box-sizing: border-box
                }
.container {
  padding: 16px;
  margin: auto;
  text-align: center;
}
input[type=text], input[type=password],input[type="email"] {
  width: 50%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
```

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```
  background: #C0C0C0;
}
input[type=text]:focus, input[type=password]:focus,input[type="email"]:focus {
  background-color: #ddd;
  outline: none;
}
hr {
  border: 1px solid #00FF00;
  margin-bottom: 25px;
}
#registerbtn {
  background-color: blue;
  color: white;
  padding: 16px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}
#registerbtn:hover {
  opacity:1;
}
        </style>
</head>
<body>
        <form>
```

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```
            <div class="container">
                <h1>Register</h1>
                <hr>
                Name: <input type="text" id="name" placeholder="Enter your name"
name="name"><br>
                City: <input type="text" placeholder="Enter your name"
name="name"><br>
                Email: <input type="email" placeholder="Enter your mail address"
name="mail"><br>
                Password: <input type="password" placeholder="Enter the password"
name="pwd"><br>
                Gender:<br>
                Male<input type="radio" name="gender">
                Female<input type="radio" name="gender">
                Others<input type="radio" name="gender"><br>
            </div>
            <div >
                <button type="submit" id="registerbtn">Register</button>
            </div>
        </form>
</div>
</body>
<script type="text/javascript">
        document.getElementById("registerbtn").addEventListener("click",function(e){
var fieldValue=document.getElementById("name").value;
if(fieldValue==null || fieldValue== ""){
e.preventDefault();
alert("you must enter a username");
```

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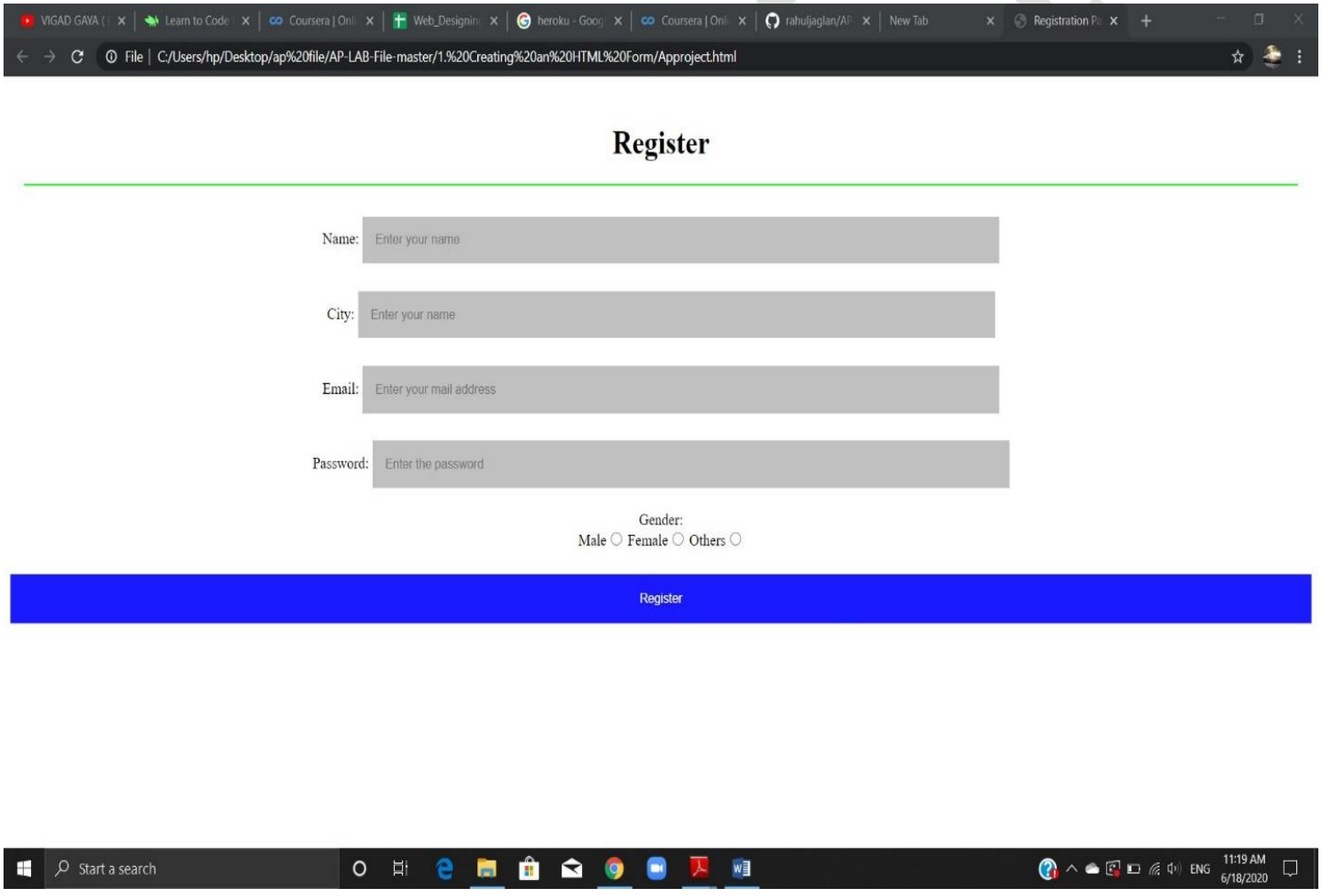
```
}
});
</script>
</html>
```

OUTPUT



PROBLEM STATEMENT

Creating Web Page using Html

PROCEDURE

CODE

a

```
<!DOCTYPE html>
<html>
<head>
        <title></title>
</head>
<frameset cols="30%,40%,30%">
        <frame src="sd.html"></frame>
        <frame src="logo.html">
        <frame src="ap.html">
</frameset>
<body>
</body>
</html>
```

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b

```
<!DOCTYPE html>
<html>
<head>
	<title></title>
	<style type="text/css">
		body{
			background-image: linear-gradient(90deg,rgba(0,0,255,0),rgba(0,0,255,1))
		}
		h2{
			color: #4682B4;
		}
	</style>
</head>
<body>
<h2>Contact NO-9588551992</h2>
<h2>Email-rahuljaglan035@gmail.com</h2>
</body>
</html>
```

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ap

```
<!DOCTYPE html>
<html>
<head>
	<title></title>
	<style type="text/css">
		body{
			background-image:
		}
		h1{
			color:blue;
			font-size: 45px
		}
	</style>
</head>
<body>
<h1>APPLICATION PROGRAMMING</h1>
</body>
</html>
```

home_page

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

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```
        <title>Assignment</title>
</head>
<frameset rows="20%,60%,20%">
        <frame src="top.html">
        <frame src="a.html">
        <frame src="b.html">
</frameset>
<body>


</body>
</html>
```

top

```
<!DOCTYPE html>
<html>
<head>
        <title></title>
        <style type="text/css">
                h1{
                        color: #4169E1;
                        text-align: center;
                        font-size: 50px;
                }
                body{
```

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```
                background-image: linear-gradient(90deg,red,yellow)
            }
        </style>
</head>
<body>
<h1>IIIT SONEPAT</h1>
</body>
</html>
```

sd

```
<!DOCTYPE html>
<html>
<head>
        <title></title>
        <style type="text/css">
            h1{
                color: cyan;
                text-align: center;
            }
            h2{
                color:blue;
            }
            body{
                background-image:
```

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```
            }
        </style>
</head>
<body>
        <h1>Student Details</h1>
        <h2>Name:Rahul Jaglan</h2>
        <h2>Roll No-11911051</h2>
        <h2>Branch-CSE</h2>
</body>
</html>
```

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OUTPUT

VIGAD GAYA
Learn to Code
Coursera | Onli
Web_Designing
heroku - Goog
Coursera | Onli
rahuljaglan/AP
New Tab
Assignment
File | C:/Users/hp/Desktop/ap%20file/AP-LAB-File-master/2.%20Creating%20Home%20Page%20using%20HTML/Home_Page.html
IIIT SONEPAT
Student Details
Name:Rahul Jaglan
Roll No-11911051
Branch-CSE
2014
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, SONEPAT
तेजस्वि नावधीतमस्तु
APPLICATION PROGRAMMING
Contact NO-9588551992
Email-rahuljaglan035@gmail.com
Start a search
ENG
11:28 AM
6/18/2020

PROBLEM STATEMENT

Creating Web Page using XHTML and CSS

PROCEDURE

- Create a HTML file
- Provide a class to every element you want to style.
- Create a CSS file and link it to your HTML file using link element.
- In the CSS file add styles to various classes id and XHTML tags.

CODE

```
<!DOCTYPE html>
<html>
<head>
        <title>Registration Page</title>
        <style type="text/css">
                * {box-sizing: border-box
                }
.container {
  padding: 16px;
  margin: auto;
  text-align: center;
}
input[type=text], input[type=password],input[type="email"] {
  width: 50%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #C0C0C0;
}
```

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```
input[type=text]:focus,
input[type=password]:focus,input[type="email"]:focus {
  background-color: #ddd;
  outline: none;
}
hr {
  border: 1px solid #00FF00;
  margin-bottom: 25px;
}
#registerbtn {
  background-color: blue;
  color: white;
  padding: 16px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}
#registerbtn:hover {
  opacity:1;
}
        </style>
</head>
<body>
        <form>
                <div class="container">
                        <h1>Register</h1>
                        <hr>
                        Name: <input type="text" id="name"
placeholder="Enter your name" name="name"><br>
                        City: <input type="text" placeholder="Enter your name"
name="name"><br>
```

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```
                    Email: <input type="email" placeholder="Enter your mail
address" name="mail"><br>
                    Password: <input type="password" placeholder="Enter
the password" name="pwd"><br>
                    Gender:<br>
                    Male<input type="radio" name="gender">
                    Female<input type="radio" name="gender">
                    Others<input type="radio" name="gender"><br>
                </div>
                <div >
                    <button type="submit"
id="registerbtn">Register</button>
                </div>
        </form>
</div>
</body>
<script type="text/javascript">
        document.getElementById("registerbtn").addEventListener("click",fu
nction(e){
var fieldValue=document.getElementById("name").value;
if(fieldValue==null || fieldValue== ""){
e.preventDefault();
alert("you must enter a username");
}
});
</script>
</html>
```

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ap3

```
* {box-sizing: border-box
                }

.container {
  padding: 16px;
  margin: auto;
  text-align: center;
}
input[type=text], input[type=password],input[type="email"] {
  width: 50%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}

input[type=text]:focus,
input[type=password]:focus,input[type="email"]:focus {
  background-color: #ddd;
  outline: none;
}
hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}
#registerbtn {
  background-color: #4CAF50;
  color: white;
  padding: 16px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
```

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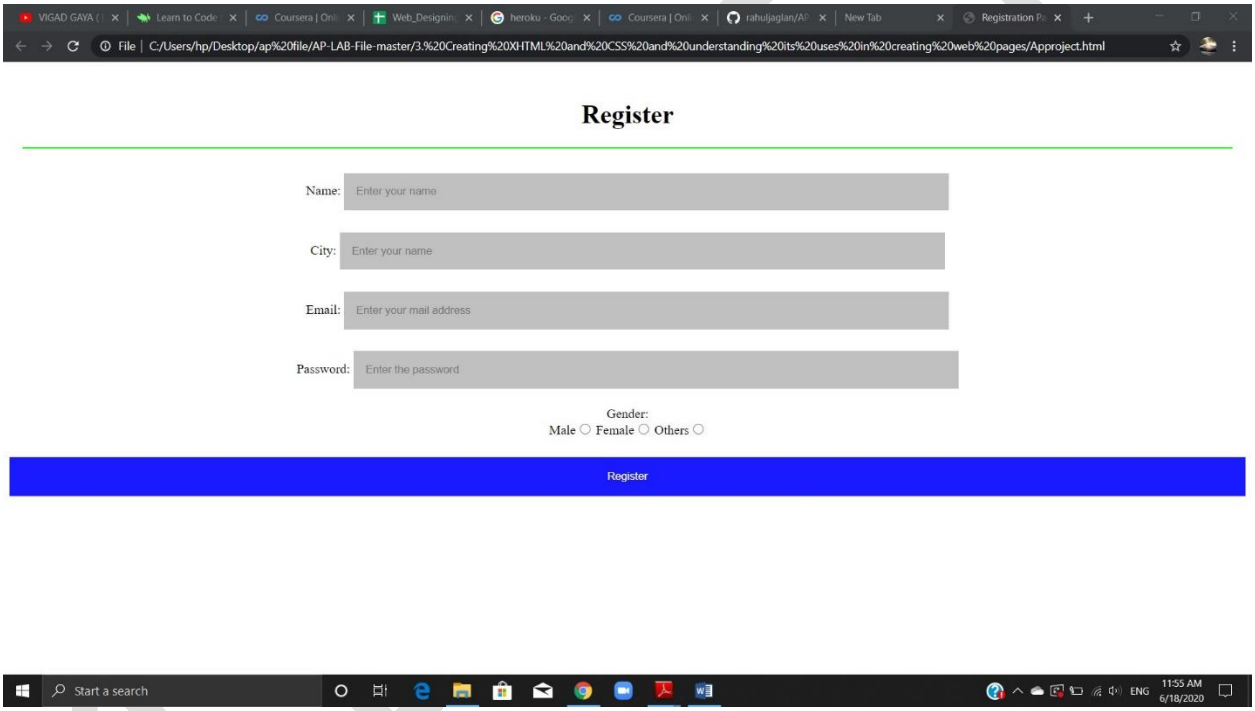
```
 width: 100%;
 opacity: 0.9;
}
#registerbtn:hover {
 opacity:1;
}
```

OUTPUT



PROBLEM STATEMENT

Setting Up and Configuration Of XAMPP Server

PROCEDURE

- Download XAMPP from www.apachefriends.org and install it.
- Now browse to the XAMPP folder in C drive and search for htdocs folder.
- Under this folder create a PHP file for checking whether the server is working or not.
- Open the XAMPP control panel and start the apache server and run the PHP file.

CODE

PHP File

```
<?php
echo "Hello !<br />";
echo "My Name is Rahul Jaglan<br />";
echo "Branch-CSE<br />";
echo "Roll No. 11911051<br />"; ?>
```

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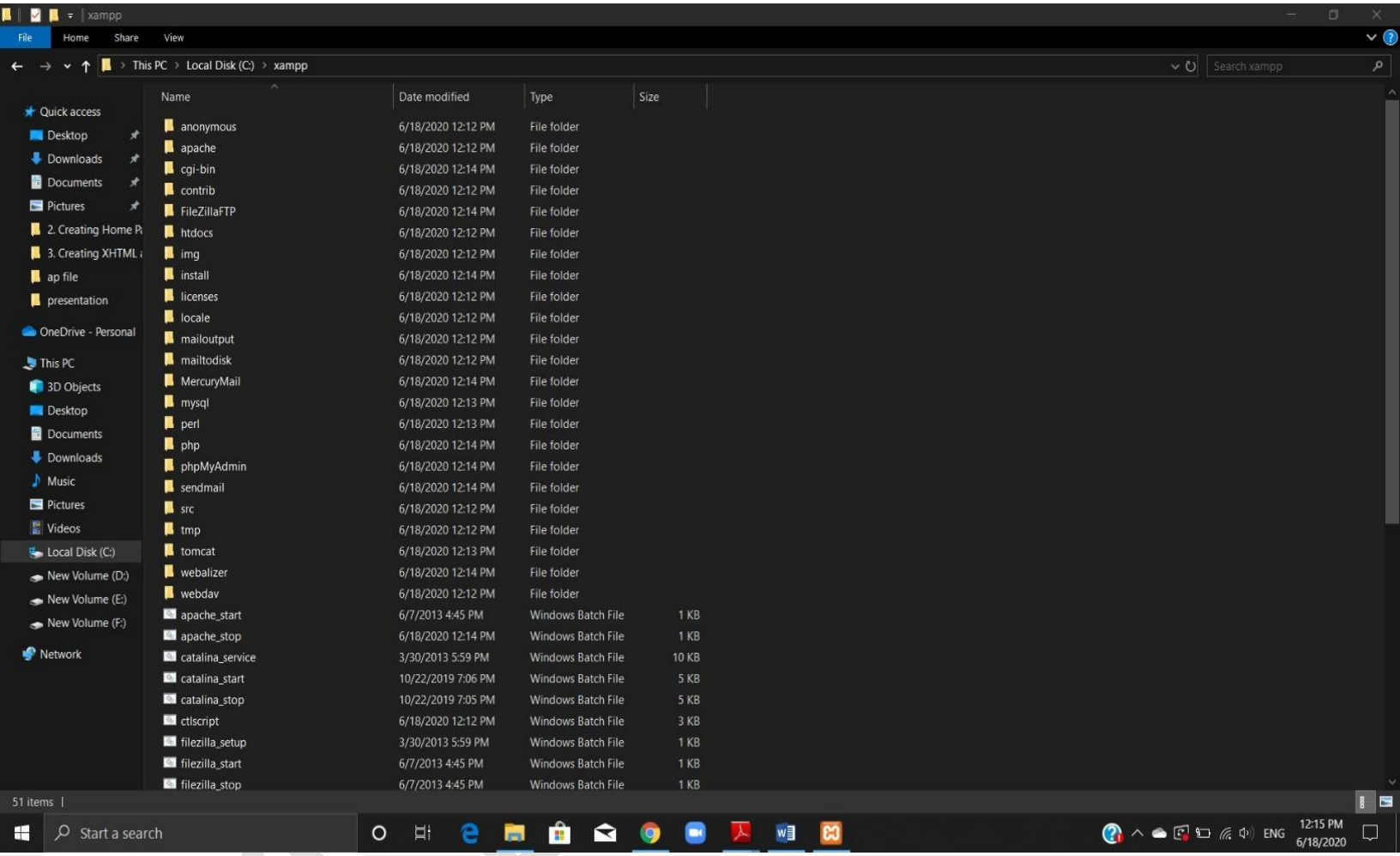
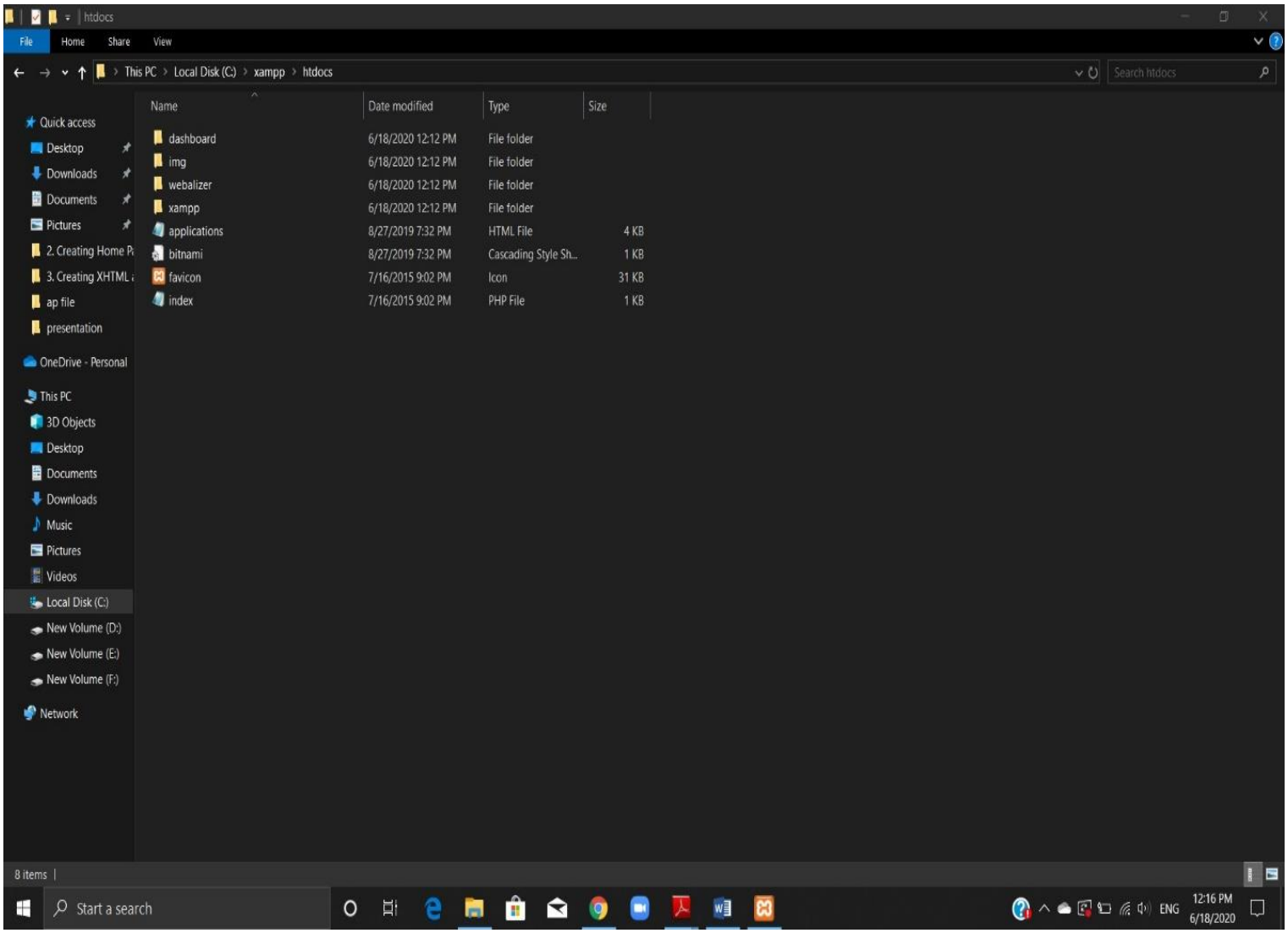
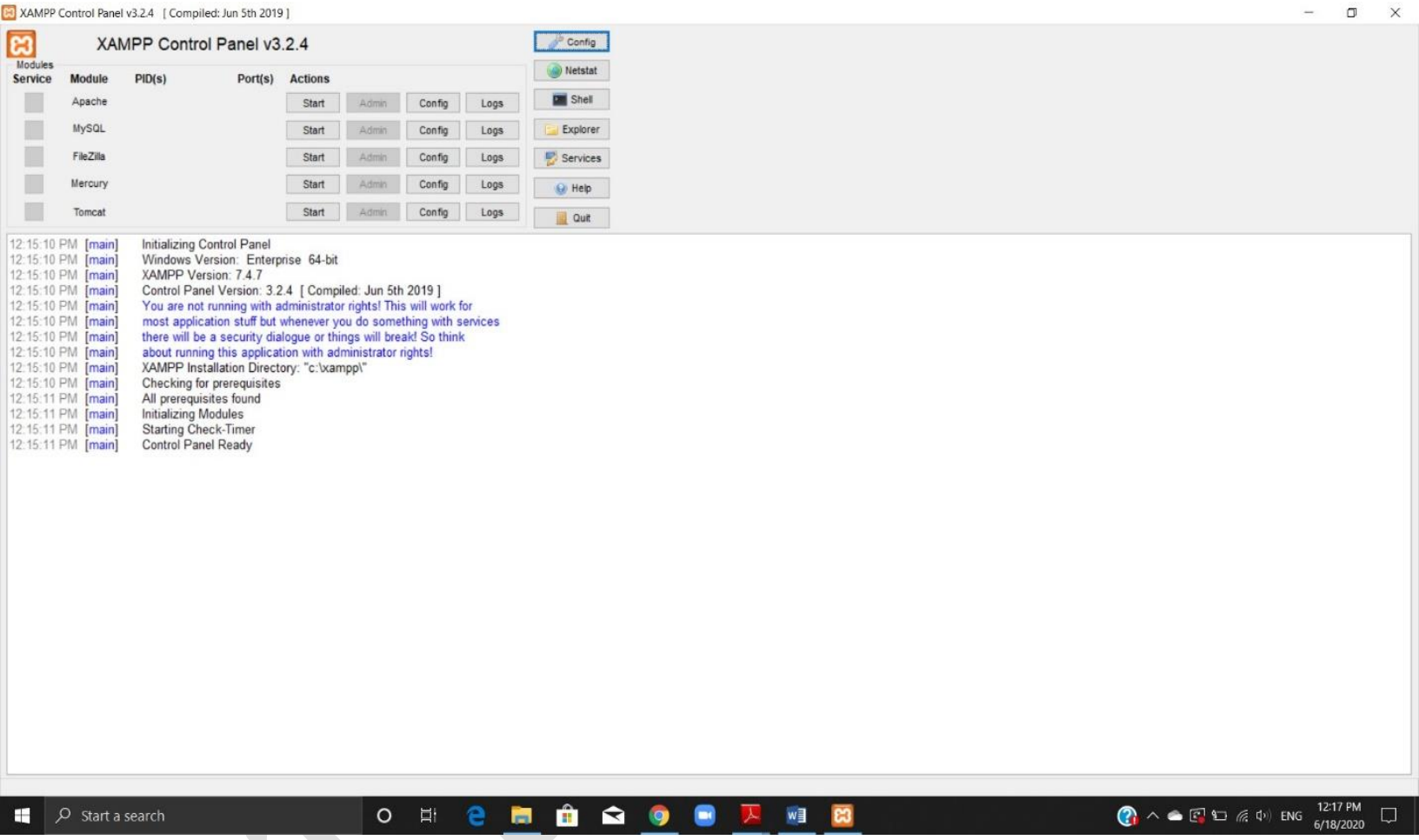
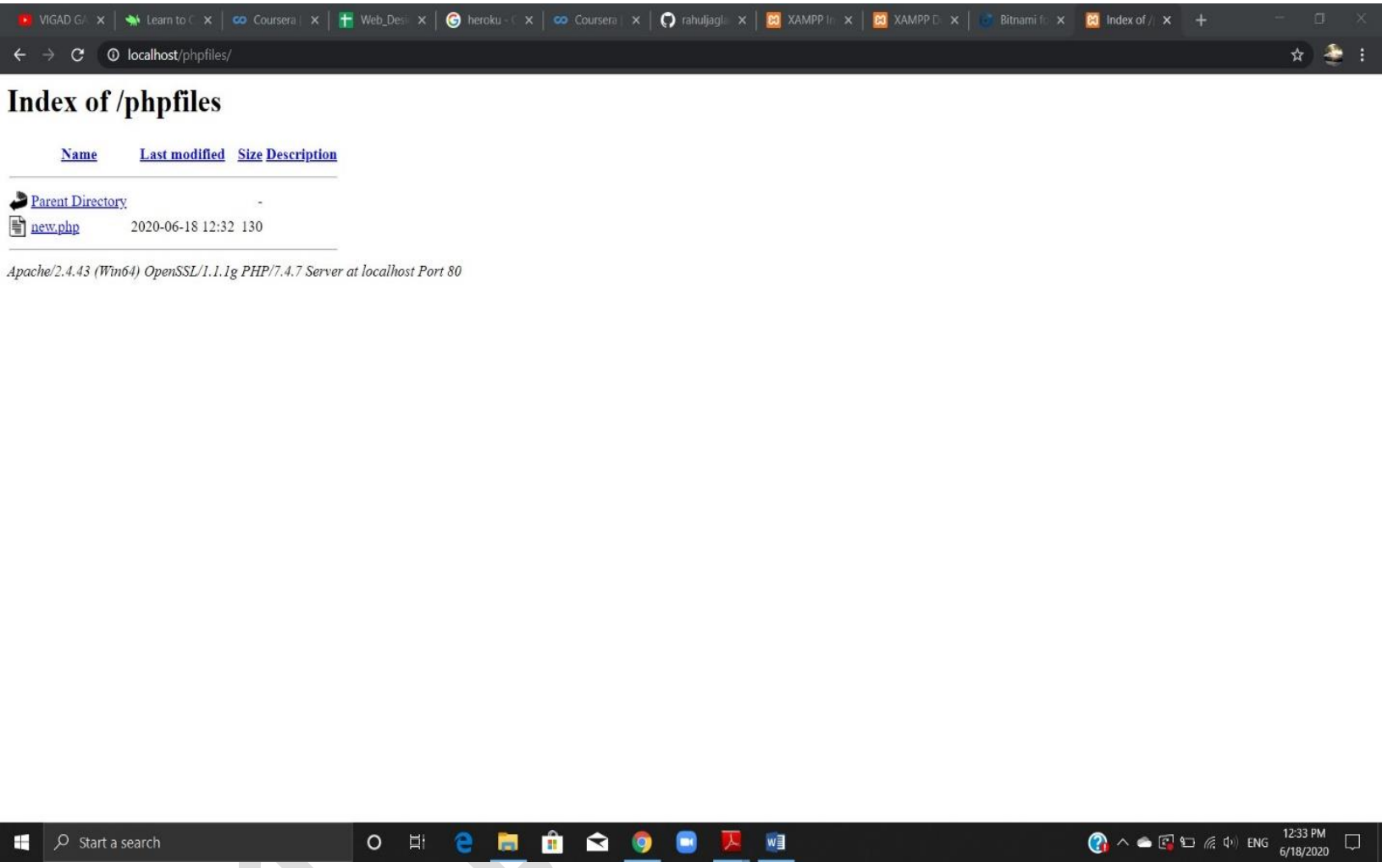
OUTPUT

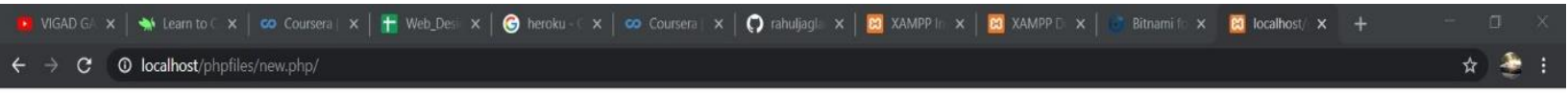

xampp
File
Home
Share
View
This PC › Local Disk (C:) › xampp
Search xampp
Quick access
Desktop
Downloads
Documents
Pictures
2. Creating Home P
3. Creating XHTML
ap file
presentation
OneDrive - Personal
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (D:)
New Volume (E:)
New Volume (F:)
Network
Name
Date modified
Type
Size
anonymous 6/18/2020 12:12 PM File folder
apache 6/18/2020 12:12 PM File folder
cgi-bin 6/18/2020 12:14 PM File folder
contrib 6/18/2020 12:12 PM File folder
FileZillaFTP 6/18/2020 12:14 PM File folder
htdocs 6/18/2020 12:12 PM File folder
img 6/18/2020 12:12 PM File folder
install 6/18/2020 12:14 PM File folder
licenses 6/18/2020 12:12 PM File folder
locale 6/18/2020 12:12 PM File folder
mailoutput 6/18/2020 12:12 PM File folder
mailtodisk 6/18/2020 12:12 PM File folder
MercuryMail 6/18/2020 12:14 PM File folder
mysql 6/18/2020 12:13 PM File folder
perl 6/18/2020 12:13 PM File folder
php 6/18/2020 12:14 PM File folder
phpMyAdmin 6/18/2020 12:14 PM File folder
sendmail 6/18/2020 12:14 PM File folder
src 6/18/2020 12:12 PM File folder
tmp 6/18/2020 12:12 PM File folder
tomcat 6/18/2020 12:13 PM File folder
webalizer 6/18/2020 12:14 PM File folder
webdav 6/18/2020 12:12 PM File folder
apache_start 6/7/2013 4:45 PM Windows Batch File 1 KB
apache_stop 6/18/2020 12:14 PM Windows Batch File 1 KB
catalina_service 3/30/2013 5:59 PM Windows Batch File 10 KB
catalina_start 10/22/2019 7:06 PM Windows Batch File 5 KB
catalina_stop 10/22/2019 7:05 PM Windows Batch File 5 KB
ctlscript 6/18/2020 12:12 PM Windows Batch File 3 KB
filezilla_setup 3/30/2013 5:59 PM Windows Batch File 1 KB
filezilla_start 6/7/2013 4:45 PM Windows Batch File 1 KB
filezilla_stop 6/7/2013 4:45 PM Windows Batch File 1 KB
51 items
Start a search
ENG
12:15 PM
6/18/2020


htdocs
File
Home
Share
View
This PC
Local Disk (C:)
xampp
htdocs
Search htdocs
Quick access
Desktop
Downloads
Documents
Pictures
2. Creating Home P
3. Creating XHTML
ap file
presentation
OneDrive - Personal
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (D:)
New Volume (E:)
New Volume (F:)
Network
Name
Date modified
Type
Size
dashboard 6/18/2020 12:12 PM File folder
img 6/18/2020 12:12 PM File folder
webalizer 6/18/2020 12:12 PM File folder
xampp 6/18/2020 12:12 PM File folder
applications 8/27/2019 7:32 PM HTML File 4 KB
bitnami 8/27/2019 7:32 PM Cascading Style Sh... 1 KB
favicon 7/16/2015 9:02 PM Icon 31 KB
index 7/16/2015 9:02 PM PHP File 1 KB
8 items
Start a search
ENG
12:16 PM
6/18/2020


XAMPP Control Panel v3.2.4 [Compiled: Jun 5th 2019]
XAMPP Control Panel v3.2.4
Modules
Service
Module
PID(s)
Port(s)
Actions
Apache
MySQL
FileZilla
Mercury
Tomcat
Start
Admin
Config
Logs
Config
Netstat
Shell
Explorer
Services
Help
Quit
12:15:10 PM [main] Initializing Control Panel
12:15:10 PM [main] Windows Version: Enterprise 64-bit
12:15:10 PM [main] XAMPP Version: 7.4.7
12:15:10 PM [main] Control Panel Version: 3.2.4 [Compiled: Jun 5th 2019]
12:15:10 PM [main] You are not running with administrator rights! This will work for
12:15:10 PM [main] most application stuff but whenever you do something with services
12:15:10 PM [main] there will be a security dialogue or things will break! So think
12:15:10 PM [main] about running this application with administrator rights!
12:15:10 PM [main] XAMPP Installation Directory: "c:\xampp\"
12:15:10 PM [main] Checking for prerequisites
12:15:11 PM [main] All prerequisites found
12:15:11 PM [main] Initializing Modules
12:15:11 PM [main] Starting Check-Timer
12:15:11 PM [main] Control Panel Ready
Start a search
ENG
12:17 PM
6/18/2020


localhost/phpfiles/
Index of /phpfiles
Name
Last modified
Size
Description
Parent Directory
new.php
2020-06-18 12:32
130
Apache/2.4.43 (Win64) OpenSSL/1.1.1g PHP/7.4.7 Server at localhost Port 80

Start a search
ENG
12:33 PM
6/18/2020



Hello !
My Name is Rahul Jaglan
Branch-CSE
Roll No. 11911051

PROBLEM STATEMENT

Creating calendar of year 2020 using HTML

CODE

```
<!DOCTYPE html>
<html>
<head>
 <link rel="stylesheet" href="styles.css">
 <title>CALENDER</title>
</head>
<body>
<div class="month">
 <ul>
  <li class="prev">&#10094;</li>
  <li class="next">&#10095;</li>
  <li>Janruary<br><span style="font-size:18px">2020</span></li>
 </ul>
</div>
<ul class="weekdays">
 <li>Mo</li>
 <li>Tu</li>
 <li>We</li>
 <li>Th</li>
 <li>Fr</li>
 <li>Sa</li>
 <li>Su</li>
</ul>
<ul class="days">
```

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<li></li>
<li></li>
<li>1</li>
<li>2</li>
<li>3</li>
<li>4</li>
<li>5</li>
<li>6</li>
<li>7</li>
<li>8</li>
<li>9</li>
<li>10</li>
<li>11</li>
<li>12</li>
<li>13</li>
<li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
<li>18</li>
<li>19</li>
<li>20</li>
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>

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```
<li>30</li>
<li>31</li>
</ul>
<div class="month">
 <ul>
  <li class="prev">&#10094;</li>
  <li class="next">&#10095;</li>
  <li>February<br><span style="font-size:18px">2020</span></li>
 </ul>
</div>
<ul class="weekdays">
 <li>Mo</li>
 <li>Tu</li>
 <li>We</li>
 <li>Th</li>
 <li>Fr</li>
 <li>Sa</li>
 <li>Su</li>
</ul>
<ul class="days">
 <li></li>
<li></li>
<li></li>
<li></li>
<li></li>
 <li>1</li>
 <li>2</li>
 <li>3</li>
 <li>4</li>
 <li>5</li>
 <li>6</li>
```

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```
 <li>7</li>
 <li>8</li>
 <li>9</li>
 <li>10</li>
 <li>11</li>
 <li>12</li>
 <li>13</li>
 <li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
<li>18</li>
<li>19</li>
<li>20</li>
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<div class="month">
 <ul>
  <li class="prev">&#10094;</li>
  <li class="next">&#10095;</li>
  <li>March<br><span style="font-size:18px">2020</span></li>
 </ul>
</div>
<ul class="weekdays">
```

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```
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
  <li></li>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
  <li>1</li>
  <li>2</li>
  <li>3</li>
  <li>4</li>
  <li>5</li>
  <li>6</li>
  <li>7</li>
  <li>8</li>
  <li>9</li>
  <li>10</li>
  <li>11</li>
  <li>12</li>
  <li>13</li>
  <li>14</li>
<li>15</li>
<li>16</li>
```

1191051

```
<li>17</li>
<li>18</li>
<li>19</li>
<li>20</li>
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
<li>31</li>
</ul>
<div class="month">
  <ul>
    <li class="prev">&#10094;</li>
    <li class="next">&#10095;</li>
    <li>April<br><span style="font-size:18px">2020</span></li>
  </ul>
</div>
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
```

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```
</ul>
<ul class="days">
<li></li>
<li></li>
 <li>1</li>
 <li>2</li>
 <li>3</li>
 <li>4</li>
 <li>5</li>
 <li>6</li>
 <li>7</li>
 <li>8</li>
 <li>9</li>
 <li>10</li>
 <li>11</li>
 <li>12</li>
 <li>13</li>
 <li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
<li>18</li>
<li>19</li>
<li>20</li>
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
```

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```
<li>28</li>
<li>29</li>
<li>30</li>
</ul>
<div class="month">
  <ul>
    <li class="prev">&#10094;</li>
    <li class="next">&#10095;</li>
    <li>May<br><span style="font-size:18px">2020</span></li>
  </ul>
</div>
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
<li></li>
<li></li>
<li></li>
<li></li>
  <li>1</li>
  <li>2</li>
  <li>3</li>
  <li>4</li>
  <li>5</li>
  <li>6</li>
```

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 <li>7</li>
 <li>8</li>
 <li>9</li>
 <li>10</li>
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 <li>14</li>
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<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
<li>31</li>
</ul>
<div class="month">
 <ul>
   <li class="prev">&#10094;</li>
   <li class="next">&#10095;</li>
   <li>June<br><span style="font-size:18px">2020</span></li>
```

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```
 </ul>
</div>
<ul class="weekdays">
 <li>Mo</li>
 <li>Tu</li>
 <li>We</li>
 <li>Th</li>
 <li>Fr</li>
 <li>Sa</li>
 <li>Su</li>
</ul>
<ul class="days">
 <li>1</li>
 <li>2</li>
 <li>3</li>
 <li>4</li>
 <li>5</li>
 <li>6</li>
 <li>7</li>
 <li>8</li>
 <li>9</li>
 <li><span class="active">10</span></li>
 <li>11</li>
 <li>12</li>
 <li>13</li>
 <li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
<li>18</li>
<li>19</li>
```

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```
<li>20</li>
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
</ul>
<div class="month">
  <ul>
    <li class="prev">&#10094;</li>
    <li class="next">&#10095;</li>
    <li>July<br><span style="font-size:18px">2020</span></li>
  </ul>
</div>
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
  <li></li>
<li></li>
```

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<li>1</li>
<li>2</li>
<li>3</li>
<li>4</li>
<li>5</li>
<li>6</li>
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<li>8</li>
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<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
<li>31</li>

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```
</ul>
<div class="month">
  <ul>
    <li class="prev">&#10094;</li>
    <li class="next">&#10095;</li>
    <li>August<br><span style="font-size:18px">2020</span></li>
  </ul>
</div>
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
  <li></li>
<li></li>
<li></li>
<li></li>
<li></li>
  <li>1</li>
  <li>2</li>
  <li>3</li>
  <li>4</li>
  <li>5</li>
  <li>6</li>
  <li>7</li>
  <li>8</li>
```

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```
 <li>9</li>
 <li>10</li>
 <li>11</li>
 <li>12</li>
 <li>13</li>
 <li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
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<li>19</li>
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<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
<li>31</li>
</ul>
<div class="month">
 <ul>
  <li class="prev">&#10094;</li>
  <li class="next">&#10095;</li>
  <li>September<br><span style="font-size:18px">2020</span></li>
 </ul>
</div>
```

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```
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
  <li></li>
  <li>1</li>
  <li>2</li>
  <li>3</li>
  <li>4</li>
  <li>5</li>
  <li>6</li>
  <li>7</li>
  <li>8</li>
  <li>9</li>
  <li>10</li>
  <li>11</li>
  <li>12</li>
  <li>13</li>
  <li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
<li>18</li>
<li>19</li>
<li>20</li>
```

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```
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
</ul>
<div class="month">
  <ul>
    <li class="prev">&#10094;</li>
    <li class="next">&#10095;</li>
    <li>October<br><span style="font-size:18px">2020</span></li>
  </ul>
</div>
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
  <li></li>
<li></li>
<li></li>
```

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<li>1</li>
<li>2</li>
<li>3</li>
<li>4</li>
<li>5</li>
<li>6</li>
<li>7</li>
<li>8</li>
<li>9</li>
<li>10</li>
<li>11</li>
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<li>13</li>
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<li>23</li>
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<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
<li>31</li>

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```
</ul>
<div class="month">
  <ul>
    <li class="prev">&#10094;</li>
    <li class="next">&#10095;</li>
    <li>November<br><span style="font-size:18px">2020</span></li>
  </ul>
</div>
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
  <li></li>
<li></li>
<li></li>
<li></li>
<li></li>
<li></li>
  <li>1</li>
  <li>2</li>
  <li>3</li>
  <li>4</li>
  <li>5</li>
  <li>6</li>
  <li>7</li>
```

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 <li>8</li>
 <li>9</li>
 <li>10</li>
 <li>11</li>
 <li>12</li>
 <li>13</li>
 <li>14</li>
<li>15</li>
<li>16</li>
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<li>19</li>
<li>20</li>
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
</ul>
<div class="month">
 <ul>
  <li class="prev">&#10094;</li>
  <li class="next">&#10095;</li>
  <li>December<br><span style="font-size:18px">2020</span></li>
 </ul>
</div>
```

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```
<ul class="weekdays">
  <li>Mo</li>
  <li>Tu</li>
  <li>We</li>
  <li>Th</li>
  <li>Fr</li>
  <li>Sa</li>
  <li>Su</li>
</ul>
<ul class="days">
  <li></li>
  <li>1</li>
  <li>2</li>
  <li>3</li>
  <li>4</li>
  <li>5</li>
  <li>6</li>
  <li>7</li>
  <li>8</li>
  <li>9</li>
  <li>10</li>
  <li>11</li>
  <li>12</li>
  <li>13</li>
  <li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
<li>18</li>
<li>19</li>
<li>20</li>
```

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```
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
<li>31</li>
</ul>
</ul>
</body>
</html>
```

Style(CSS)

```
ul {list-style-type: none;}
body {font-family: Verdana, sans-serif;}
.month {
  padding: 70px 25px;
  width: 100%;
  background: #1abc9c;
  text-align: center;
}
.month ul {
  margin: 0;
  padding: 0;
}
.month ul li {
  color: white;
```

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```
  font-size: 20px;
  text-transform: uppercase;
  letter-spacing: 3px;
}
.month .prev {
  float: left;
  padding-top: 10px;
}
.month .next {
  float: right;
  padding-top: 10px;
}
.weekdays {
  margin: 0;
  padding: 10px 0;
  background-color:#ddd;
}
.weekdays li {
  display: inline-block;
  width: 13.6%;
  color: #666;
  text-align: center;
}
.days {
  padding: 10px 0;
  background: #eee;
  margin: 0;
}
.days li {
  list-style-type: none;
  display: inline-block;
```

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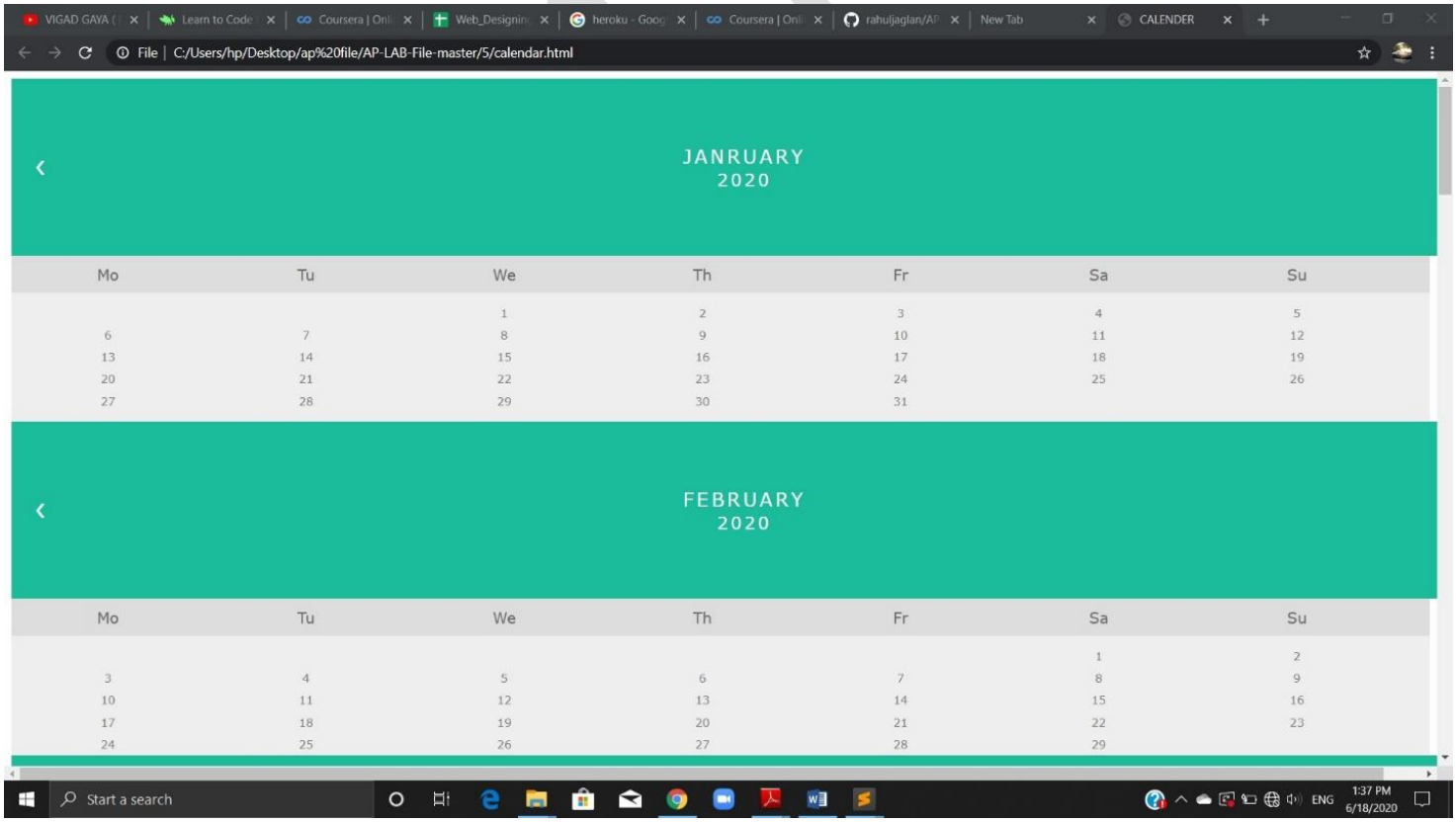
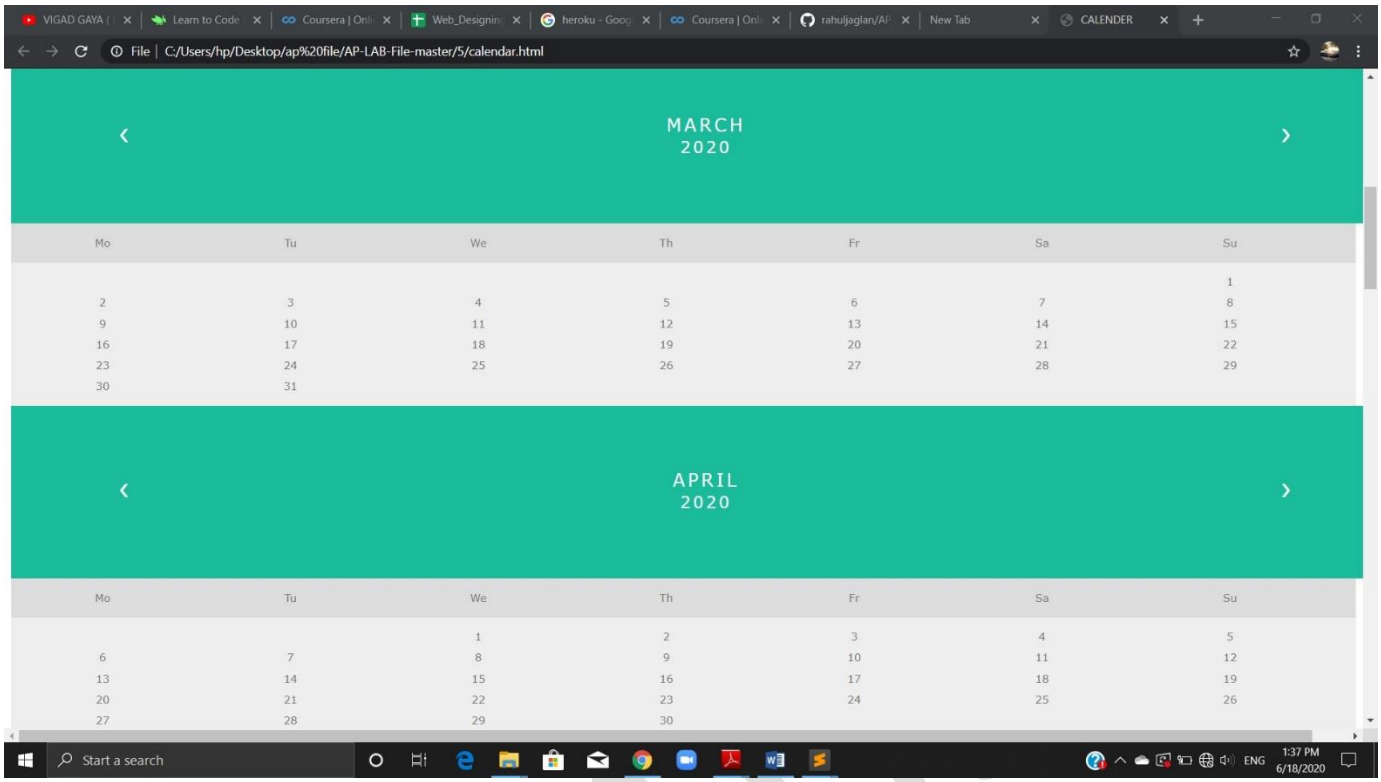
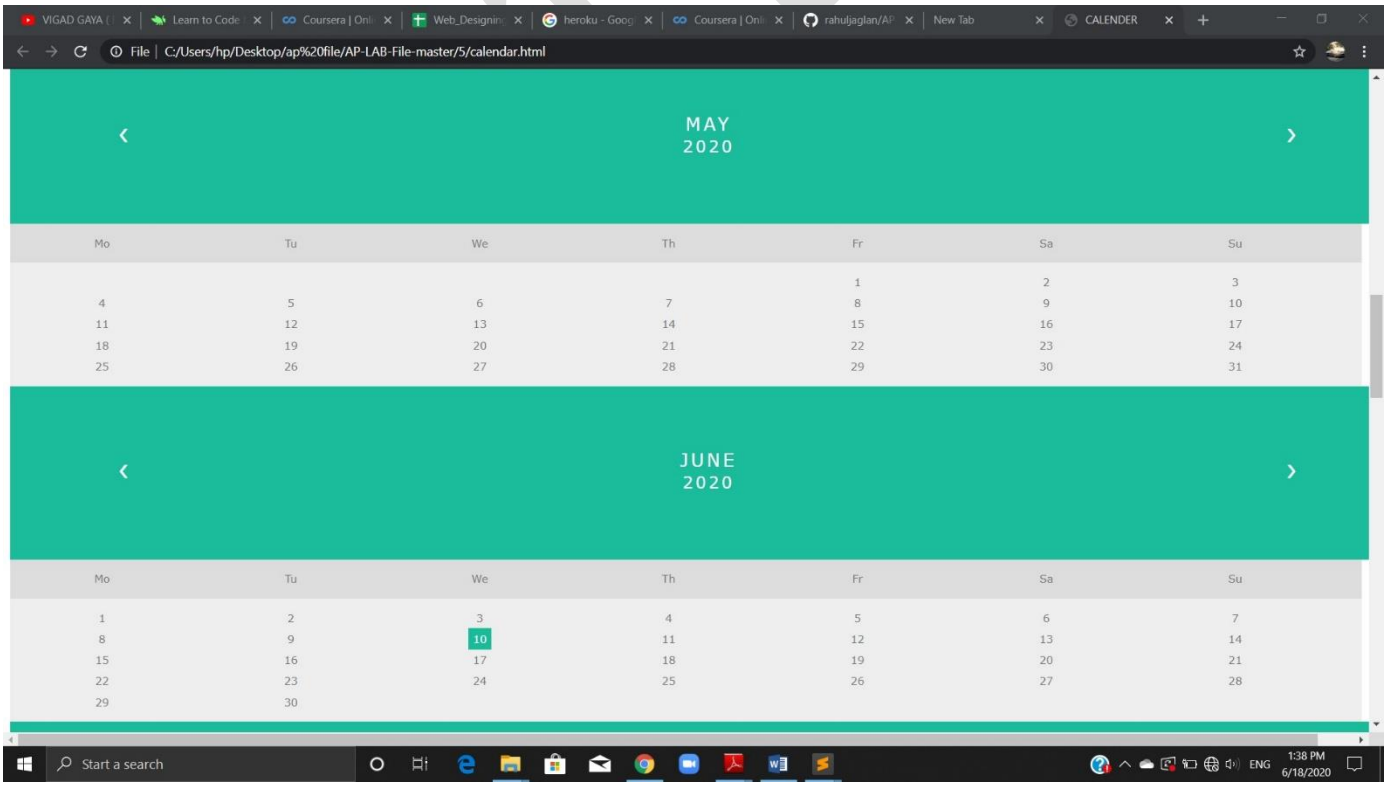
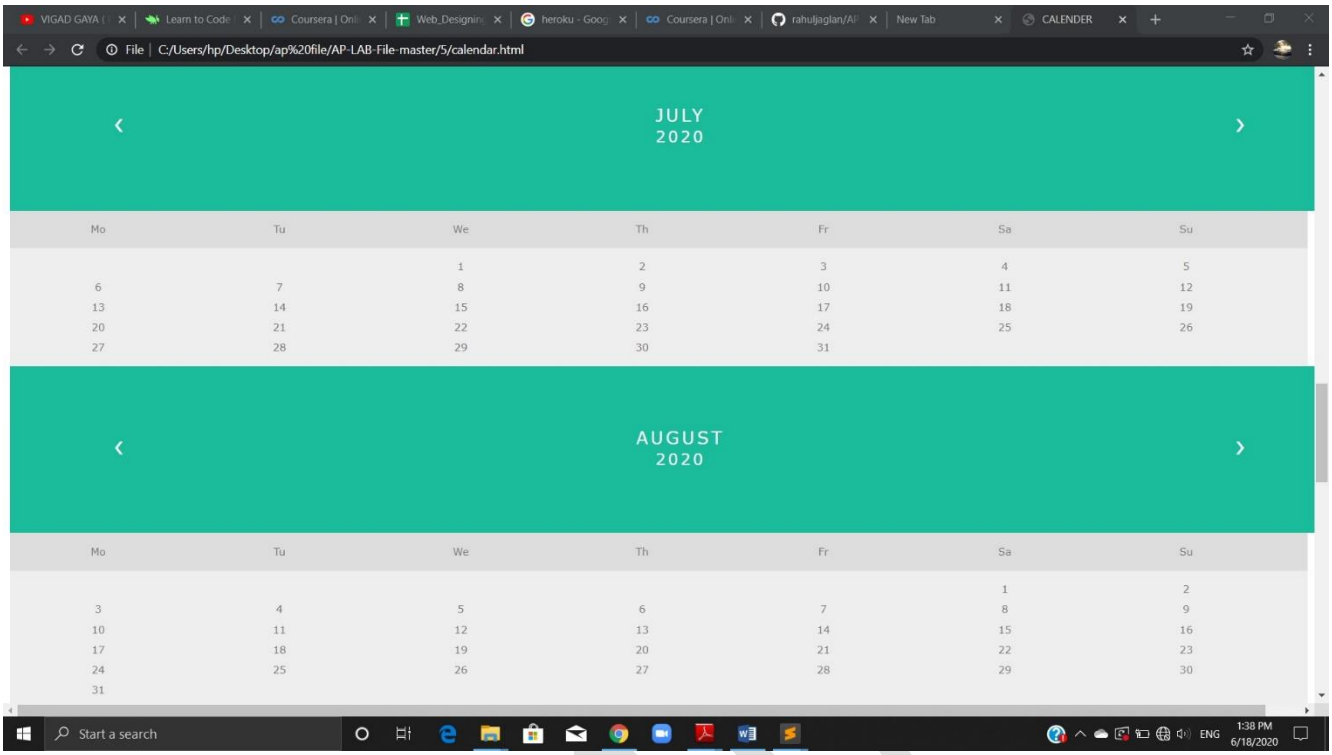
```
  width: 13.6%;
  text-align: center;
  margin-bottom: 5px;
  font-size:12px;
  color: #777;
}
.days li .active {
  padding: 5px;
  background: #1abc9c;
  color: white !important
}
```

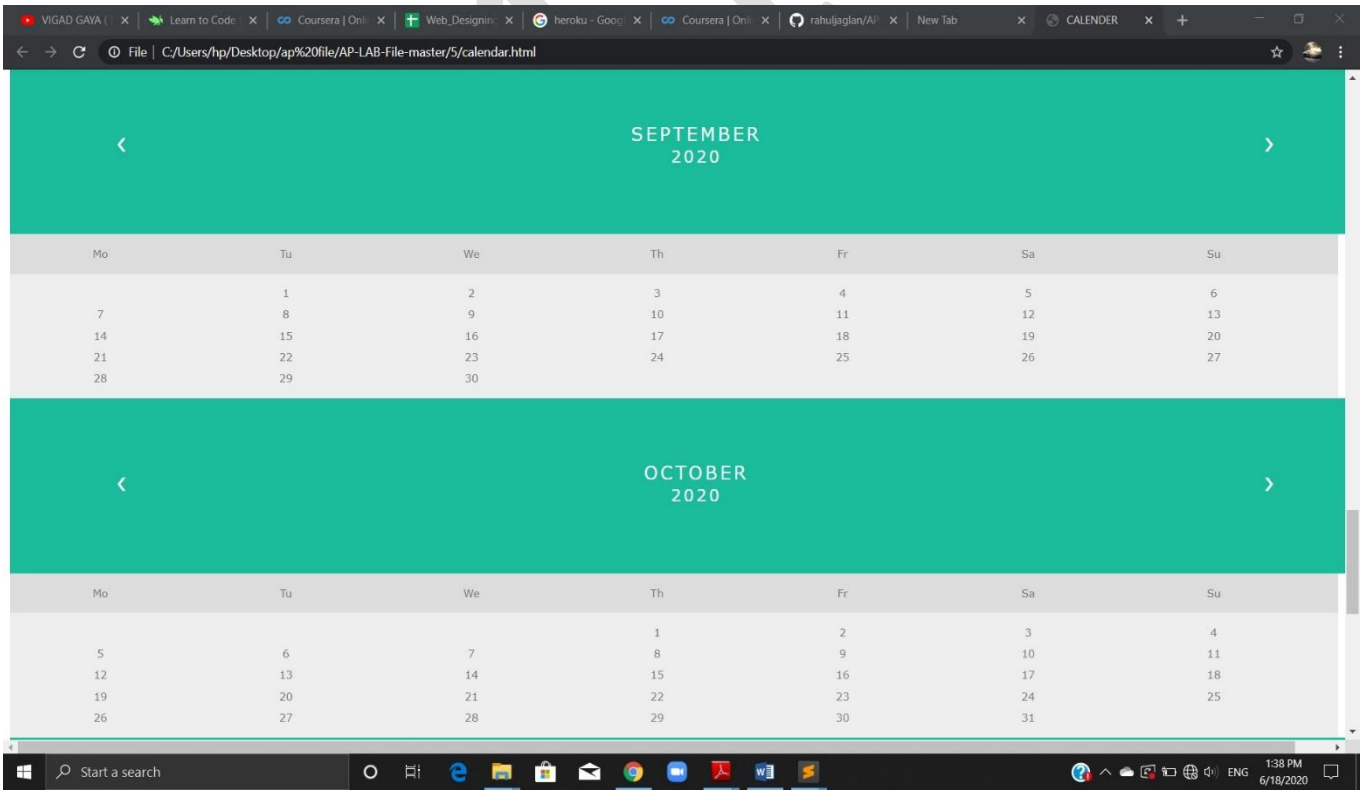
OUTPUT

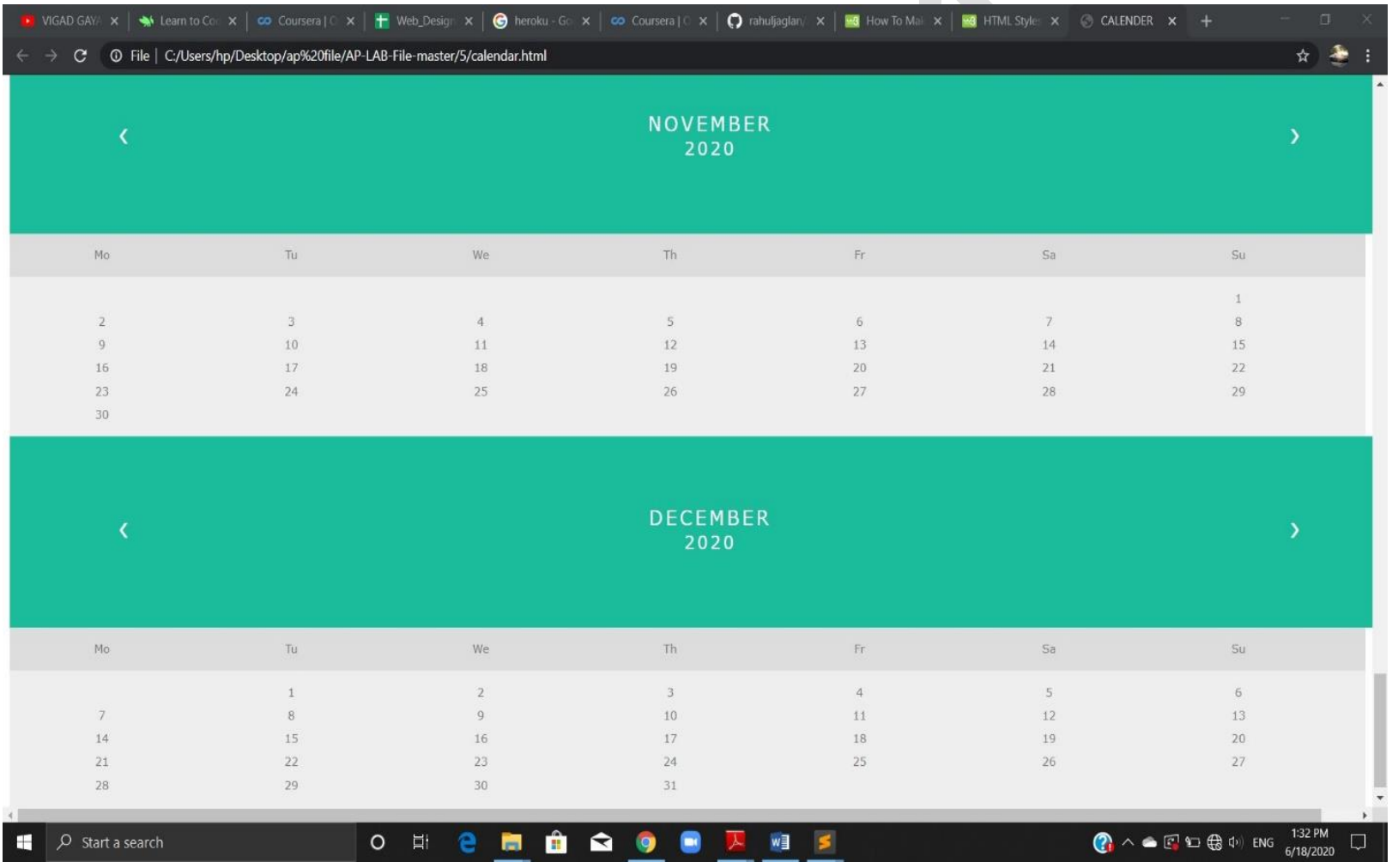



File | C:/Users/hp/Desktop/ap%20file/AP-LAB-File-master/5/calendar.html
MARCH
2020
Mo Tu We Th Fr Sa Su
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31
APRIL
2020
Mo Tu We Th Fr Sa Su
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30
Start a search
ENG
1:37 PM
6/18/2020


File | C:/Users/hp/Desktop/ap%20file/AP-LAB-File-master/5/calendar.html
MAY
2020
Mo Tu We Th Fr Sa Su
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31
JUNE
2020
Mo Tu We Th Fr Sa Su
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30
Start a search
ENG
1:38 PM
6/18/2020


CALENDER
File | C:/Users/hp/Desktop/ap%20file/AP-LAB-File-master/5/calendar.html
JULY
2020
Mo Tu We Th Fr Sa Su
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31
AUGUST
2020
Mo Tu We Th Fr Sa Su
1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
Start a search
ENG
1:38 PM
6/18/2020


CALENDER
File | C:/Users/hp/Desktop/ap%20file/AP-LAB-File-master/5/calendar.html
SEPTEMBER
2020
Mo Tu We Th Fr Sa Su
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30
OCTOBER
2020
Mo Tu We Th Fr Sa Su
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31
Start a search
ENG
1:38 PM
6/18/2020


VIGAD GAYA
Learn to Co
Coursera | C
Web_Design
heroku - Go
Coursera | C
rahuljaglan/
How To Mak
HTML Style
CALENDER
File | C:/Users/hp/Desktop/ap%20file/AP-LAB-File-master/5/calendar.html
‹
NOVEMBER
2020
›
Mo Tu We Th Fr Sa Su
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30
‹
DECEMBER
2020
›
Mo Tu We Th Fr Sa Su
1 2 3 4 5 6
7 8 9 10 11 12 13
14 15 16 17 18 19 20
21 22 23 24 25 26 27
28 29 30 31
Start a search
ENG
1:32 PM
6/18/2020

PROBLEM STATEMENT

Understanding JavaScript

CODE

```
<!DOCTYPE html>
<html>
<head>
	<title>Regular Expression</title>
	<script type="text/javascript">
		function validate()
		{
			var username=document.getElementById("uname").value;
			var regx=/A00/;
			if(regx.test(username))
			{
				alert("valid username");
			}
			else
			{
				alert("Invalid username");
			}
		}
	</script>
```

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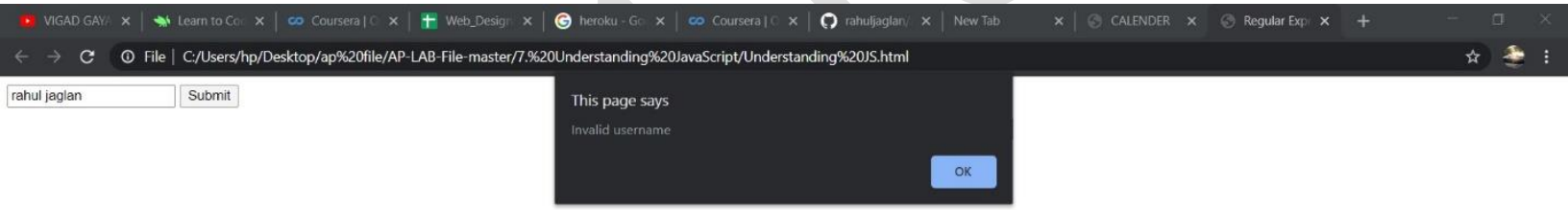
```
</head>
<body>
<form action="message.html">
        <input type="text" id="uname" placeholder="username"/>
        <button onclick="validate()">Submit</button>
</form>

</body>
</html>
```

OUTPUT



PROBLEM STATEMENT

Creating a web page using back end in php and front end in js

CODE

(HTML)

```
<!DOCTYPE html>
 <html>
    <head>
        <title>PHP Server Side Form Validation and JS client side validation</title>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
        <link                                                    rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"
/>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></s
cript>
        <script type="text/javascript">

document.getElementById("registerbtn").addEventListener("click",function(e){
        var fieldValue=document.getElementById("name").value;
        if(fieldValue==null || fieldValue== ""){
        e.preventDefault();
```

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```
        alert("you must enter a username");
        }
        });
      </script>
    </head>
    <body>
        <br />
        <div class="container" style="width:500px;">
            <h3 class="text-center">PHP Server Side Form Validation and JS client side validation</h3>
            <form method="POST" action="http://localhost/AP/form.php" name="regform" onsubmit="return validate()">
                <div class="form-group">
                    <label>Enter Name<span class="text-danger">*</span></label>
                    <input type="text" name="name" id="name" class="form-control" maxlength="75" />
                    <span class="text-danger"><?php echo $name_error; ?></span>
                </div>
                <div class="form-group">
                    <label>Enter Email<span class="text-danger">*</span></label>
                    <input type="text" name="email" class="form-control" maxlength="150" />
                    <span class="text-danger"><?php echo $email_error; ?></span>
                </div>
                <div class="form-group">
                    <label>Select Gender<span class="text-danger">*</span></label>
```

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```
                <div class="radio">
                    <input type="radio" name="gender" value="Male" />Male
                </div>
                <div class="radio">
                    <input type="radio" name="gender" value="Female" />Female
                </div>
                <span class="text-danger"><?php echo $gender_error; ?></span>
            </div>
            <div class="form-group">
                <button type="submit" name="submit" id="registerbtn"
value="Submit" class="btn btn-info">Submit</button>
            </div>
        </form>
        <div><?php echo $output; ?></div>
    </div>
    <br />
 </body>
 </html>
```

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(PHP)

```php
<?php
 $name_error = '';
 $email_error = '';
 $gender_error = '';
 $output = '';
 if(isset($_POST["submit"]))
 {
    if(empty($_POST["name"]))
    {
        $name_error = "<p>Please Enter Name</p>";
    }
    else
    {
        if(!preg_match("/^[a-zA-Z ]*$/", $_POST["name"]))
        {
            $name_error = "<p>Only Letters and whitespace allowed</p>";
        }
    }
    if(empty($_POST["email"]))
    {
        $email_error = "<p>Please Enter Email</p>";
    }
```

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```
    else
    {
        if(!filter_var($_POST["email"], FILTER_VALIDATE_EMAIL))
        {
            $email_error = "<p>Invalid Email format</p>";
        }
    }
    if(empty($_POST["gender"]))
    {
        $gender_error = "<p>Please Enter your Gender</p>";
    }
    if($name_error == "" && $email_error == "" && $gender_error == "")
    {
        $output = '<p><label>Ouput-</label></p>
        <p>Your Name is '.$_POST["name"].'</p>
        <p>Your Email is '.$_POST["email"].'</p>
        <p>Your Gender is '.$_POST["gender"].'</p>
        ';
    }
}
?>
<!DOCTYPE html>
<html>
    <head>
```

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```
        <title>PHP Server Side Form Validation and JS client side validation</title>
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"
/>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></s
cript>
        <script type="text/javascript">

document.getElementById("registerbtn").addEventListener("click",function(e){
        var fieldValue=document.getElementById("name").value;
        if(fieldValue==null || fieldValue== ""){
        e.preventDefault();
        alert("you must enter a username");
        }
        });
      </script>
    </head>
    <body>
        <br />
        <div class="container" style="width:500px;">
            <h3 class="text-center">PHP Server Side Form Validation and JS client
side validation</h3>
            <form method="POST" action="http://localhost/AP/form.php"
name="regform" onsubmit="return validate()">
```

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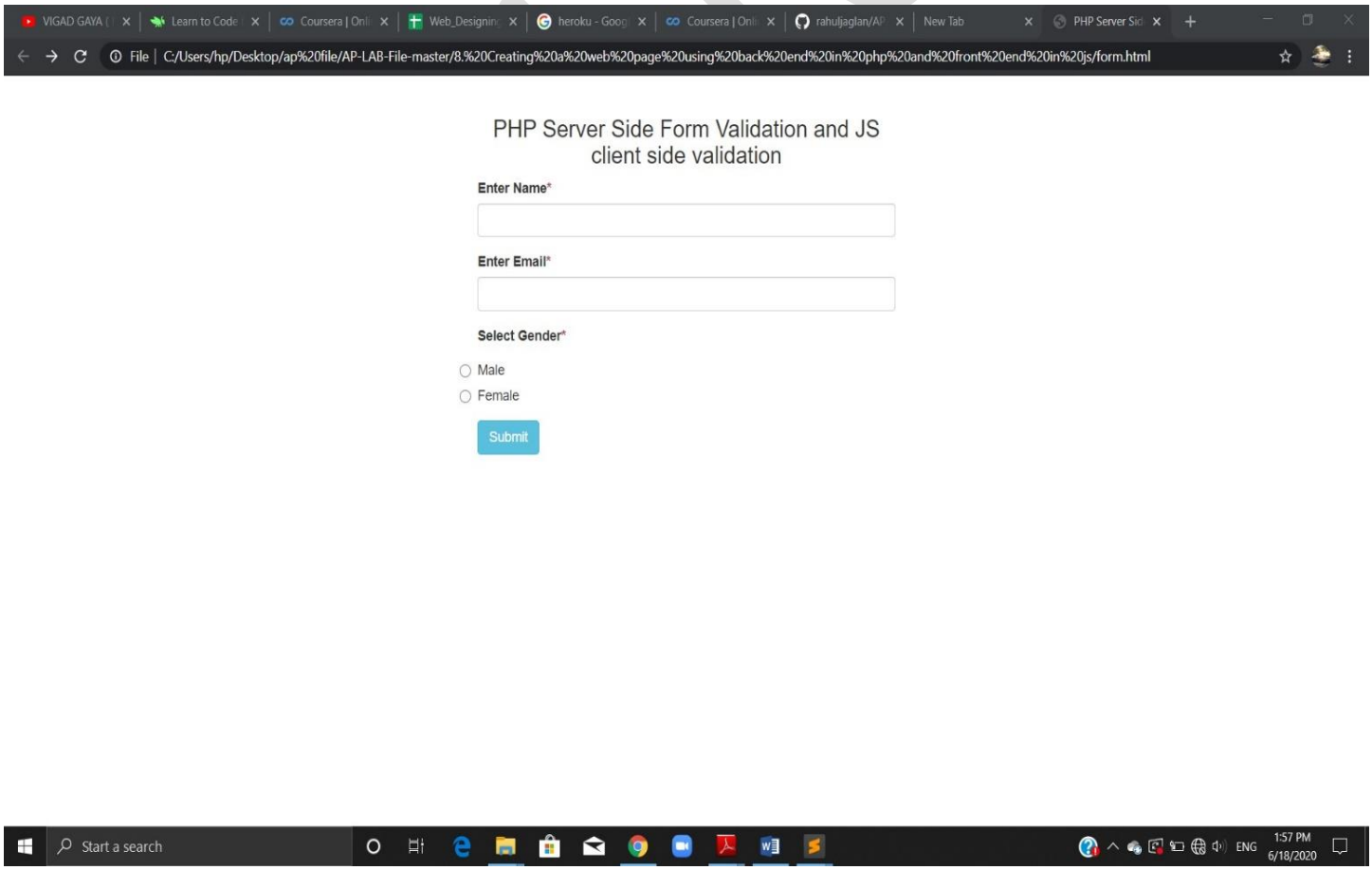
```
            <div class="form-group">
                <label>Enter Name<span class="text-danger">*</span></label>
                <input type="text" name="name" id="name" class="form-control"
maxlength="75" />
                <span class="text-danger"><?php echo $name_error; ?></span>
            </div>
            <div class="form-group">
                <label>Enter Email<span class="text-danger">*</span></label>
                <input type="text" name="email" class="form-control"
maxlength="150" />
                <span class="text-danger"><?php echo $email_error; ?></span>
            </div>
            <div class="form-group">
                <label>Select Gender<span class="text-danger">*</span></label>
                <div class="radio">
                    <input type="radio" name="gender" value="Male" />Male
                </div>
                <div class="radio">
                    <input type="radio" name="gender" value="Female" />Female
                </div>
                <span class="text-danger"><?php echo $gender_error; ?></span>
            </div>
            <div class="form-group">
                <button type="submit" name="submit" id="registerbtn"
value="Submit" class="btn btn-info">Submit</button>
```

```
            </div>
        </form>
        <div><?php echo $output; ?></div>
    </div>
    <br />
</body>
</html>
```

OUTPUT



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