

AP LAB PRACTICLE FILE by: Ayushi Gupta

Q.1 Creating an HTML web page forms.

```
C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Practicle file(Create a simpleweb page form using html)\a.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

a.html x a.css x
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>HTML WEB PAGE FORM</title>
5 <link rel="stylesheet" href="a.css" type="text/css">
6 </head>
7 <body>
8 <div>
9 <h1>Your basic info</h1>
10 <form action="message.html">
11   Name:<br><input type="text" name="username" size="60" autocomplete="off"><br><br>
12   Email:<br><input type="email" name="email" size="60"><br><br>
13   Password:<br><input type="password" name="password" size="60"><br><br>
14   Age:<br>
15   <input type="radio" name="gender">Under 16<br>
16   <input type="radio" name="gender">16 or older<br>
17 <h1>Your profile</h1>
18 Biography:<br>
19 <input type="text" name="bio" size="60"><br><br>
20 Courses:<br>
21 <select id="course" name="course">
22   <option value="ME">Mechanical engineering</option>
23   <option value="CE">Civil engineering</option>
24   <option value="IT">Information technology</option>
25   <option value="CS">Computer science engineering</option>
26 </select><br><br>
27 Interest:<br>
28 <input type="radio" name="interest">Engineer<br>
29 <input type="radio" name="interest">Business man<br><br>
30 <input type="submit" id="para" value="submit">
31 </form>
32 </form>
33 </div>
34 </body>
35 </html>

Line 5, Column 53 Spaces: 4 HTML
```

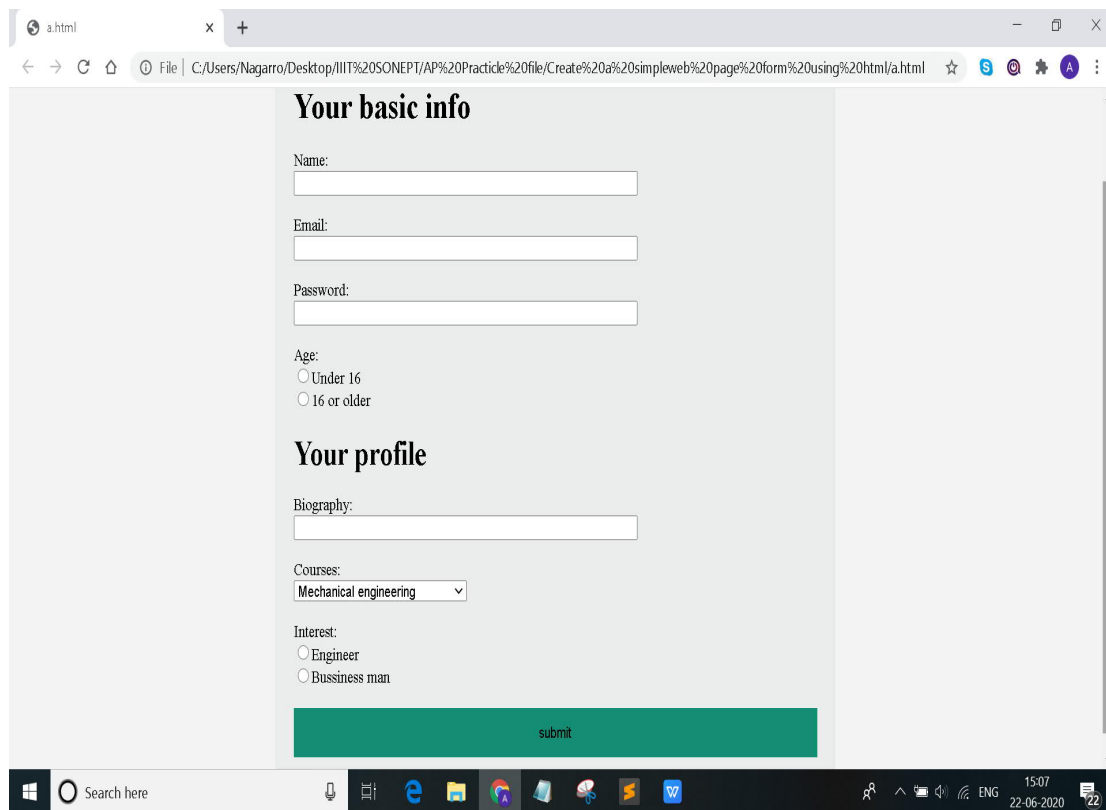
CSS STYLING WITH EXTERNAL LINK:-

```
C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Practicle file(Create a simpleweb page form using html)\a.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

a.html x a.css x
1 body
2 {
3   background-color:#F2F3F4 ;
4 }
5 div
6 {
7   background-color:#EAEDED ;
8   margin:20px 300px;
9   padding:10px 20px;
10  border:1px solid #E5E8E8 ;
11 }
12 h1
13 {
14   color:black;
15 }
16 form
17 {
18   font-size:15px;
19 }
20 #para
21 {
22   width:100%;
23   background-color: #138075;
24   border:none;
25   padding:14px 28px;
26 }
```

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OUTPUT:-



The screenshot shows a web browser window with a single tab titled 'a.html'. The address bar shows the file path: 'C:/Users/Nagarro/Desktop/IIIT%20SONEPT/AP%20Practice%20file/Create%20a%20simpleweb%20page%20form%20using%20html/a.html'. The webpage content is as follows:

Your basic info

Name:

Email:

Password:

Age:

☐ Under 16

☐ 16 or older

Your profile

Biography:

Courses:

Interest:

☐ Engineer

☐ Bussiness man

The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system tray on the right indicates the time as 15:07 on 22-06-2020, with language set to ENG.

Q.2 Creating Home Page using HTML

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```
C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Practide file\home page using css\b.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

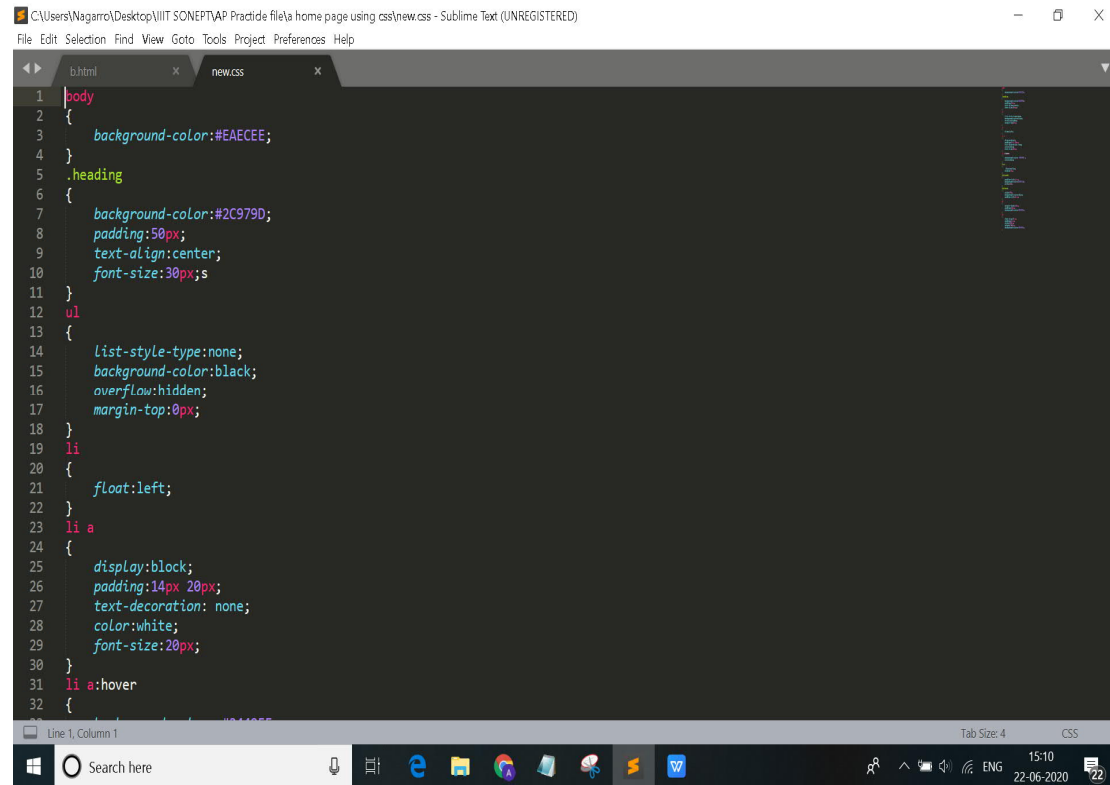
b.html
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>A web page using html and css</title>
5   <link rel="stylesheet" type="text/css" href="new.css">
6 </head>
7 <body>
8   <div class="heading">
9     <h1>My Website</h1>
10    <p>A Responsive Website created by me</p>
11  </div>
12  <ul>
13    <li><a href="#">Home</a></li>
14    <li><a href="#">Band</a></li>
15    <li><a href="#">Tour</a></li>
16    <li><a href="#">Contact</a></li>
17    <li style="float:right"><a href="#">About Us</a></li>
18  </ul>
19  <div id="row">
20    <div id="column1">
21      <h1>About me</h1>
22      <p>Photo of me:</p>
23      
24      <p>Some text about me in culpa qui officia deserunt mollit anim..</p>
25      <h1 style="font-size:25px">More Text</h1>
26      <p>Please Stay home Stay safe</p>
27      <h2>Image</h2>
28      <h2>Image</h2>
29      <h2>Image</h2>
30    </div>
31    <div id="column">
32      <h1>TITLE HEADING</h1>
33      <p>Tittle Description, june 15,2020</p>
34      
35      <p>Some text..<br><br>
36      Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.</p>
37      <h1 style="font-size:25px">TITLE HEADING</h1>
38      <p>Tittle Description, june 15,2020</p>
39      <h3>Image</h3>
40      <p>Some text..<br><br>
41      Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.</p>
42    </div>
43  </div>
44  <div id="footer">
45    <h1 style="text-align:center; padding:20px">Footer</h1>
46  </div>
47 </body>
48 </html>
```

```
C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Practide file\home page using css\b.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

b.html
32 <h1>TITLE HEADING</h1>
33 <p>Tittle Description, june 15,2020</p>
34 
35 <p>Some text..<br><br>
36 Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.</p>
37 <h1 style="font-size:25px">TITLE HEADING</h1>
38 <p>Tittle Description, june 15,2020</p>
39 <h3>Image</h3>
40 <p>Some text..<br><br>
41 Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.</p>
42 </div>
43 </div>
44 <div id="footer">
45   <h1 style="text-align:center; padding:20px">Footer</h1>
46 </div>
47 </body>
48 </html>
```

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CSS STYLING WITH EXTERNAL LINK:-



The screenshot shows a Sublime Text editor window with two tabs: 'b.html' and 'new.css'. The 'new.css' tab is active, displaying the following CSS code:

```
1 body
2 {
3     background-color:#EAECEE;
4 }
5 .heading
6 {
7     background-color:#2C979D;
8     padding:50px;
9     text-align:center;
10    font-size:30px;s
11 }
12 ul
13 {
14     list-style-type:none;
15     background-color:black;
16     overflow:hidden;
17     margin-top:0px;
18 }
19 li
20 {
21     float:left;
22 }
23 li a
24 {
25     display:block;
26     padding:14px 20px;
27     text-decoration: none;
28     color:white;
29     font-size:20px;
30 }
31 li a:hover
32 {
```

The editor's status bar at the bottom indicates 'Line 1, Column 1' and 'Tab Size: 4 CSS'. The Windows taskbar is visible at the bottom of the screen, showing the Start button, search bar, and various application icons.

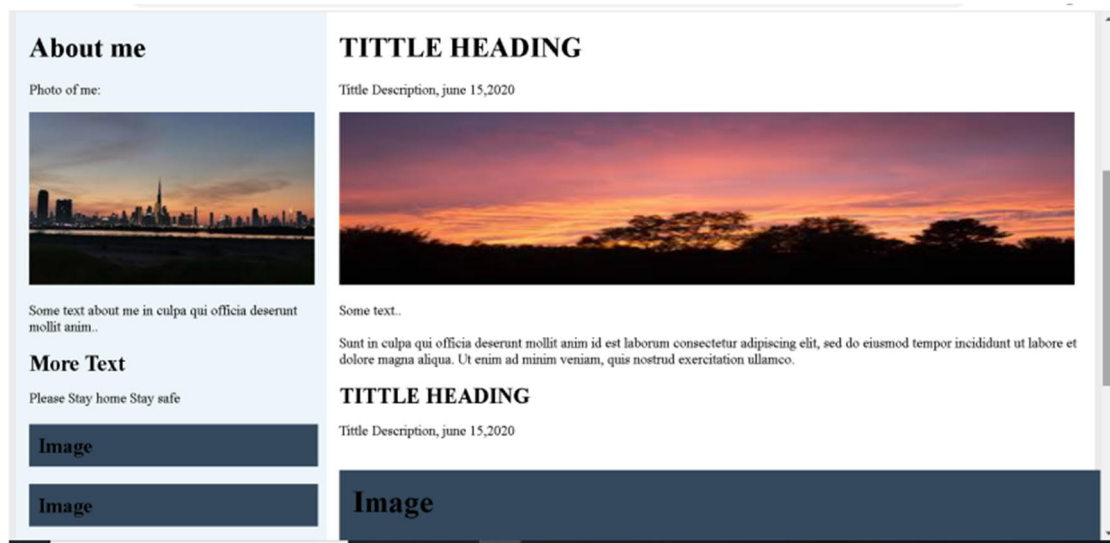
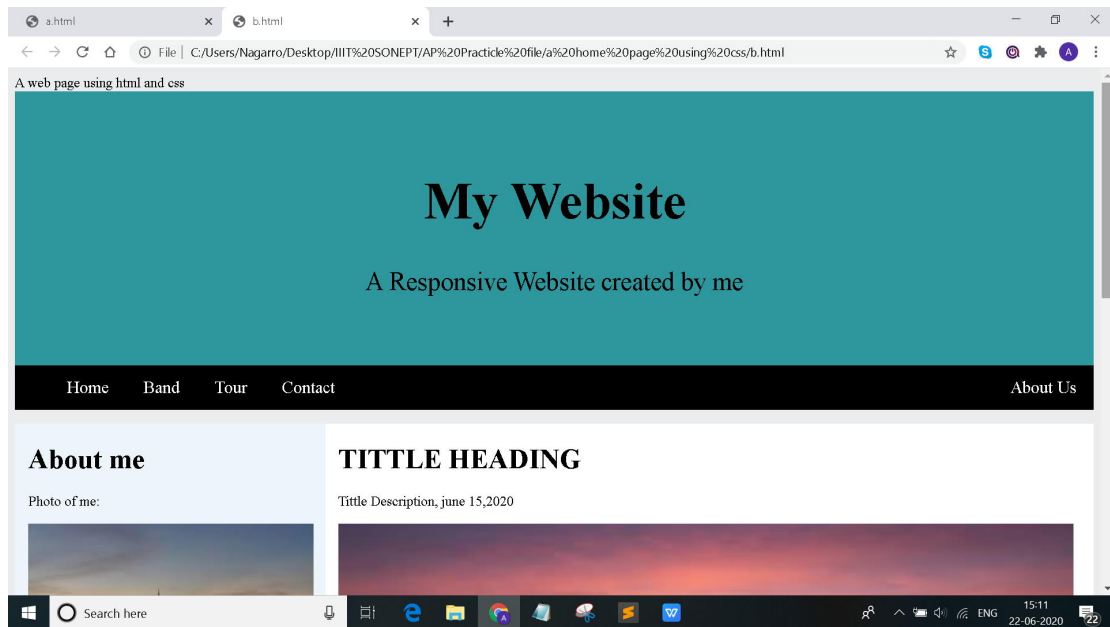
AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Pradtide file\ja home page using css\new.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

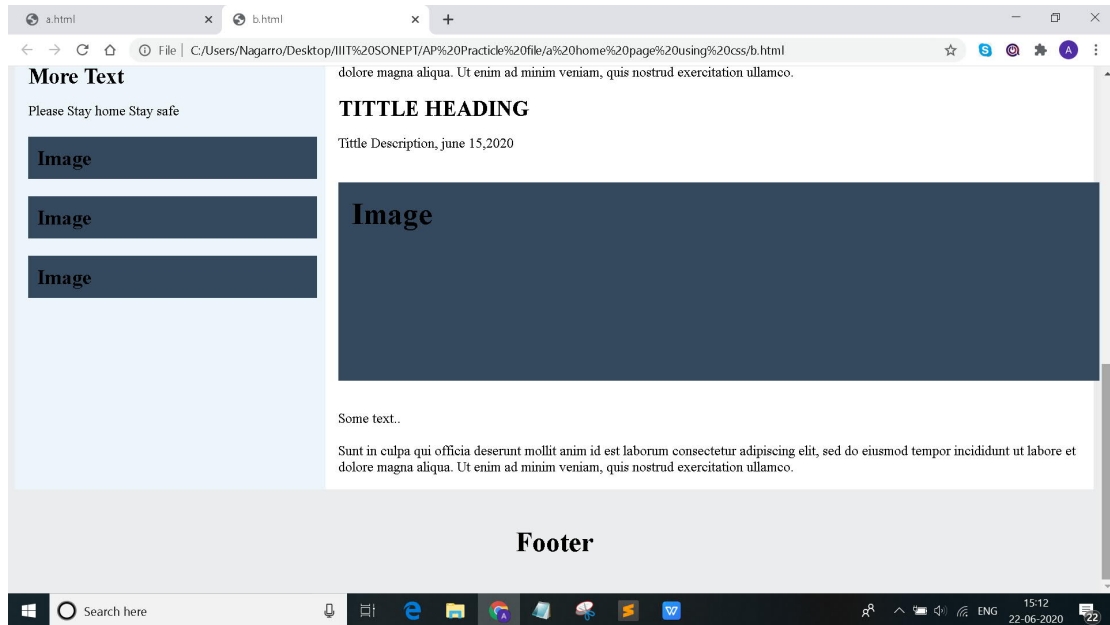
b.html x new.css x
36 #row
37 {
38     display: flex;
39     margin: 0px;
40 }
41 #column1
42 {
43     padding-left: 15px;
44     background-color: #EBF5FB;
45     width: 30%;
46 }
47 #column
48 {
49     width: 70%;
50     background-color: white;
51     padding-left: 15px;
52 }
53 h2
54 {
55     margin-right: 10px;
56     padding: 10px;
57     background-color: #34495E;
58 }
59 h3
60 {
61     font-size: 35px;
62     padding: 15px;
63     width: 850px;
64     height: 200px;
65     background-color: #34495E;
66 }
67
```

OUTPUT:-

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Q.3 Creating XHTML and CSS and understanding its use in creating web page.

AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIT SONNET\AP Pradtide file\image zoom using css and html\d.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

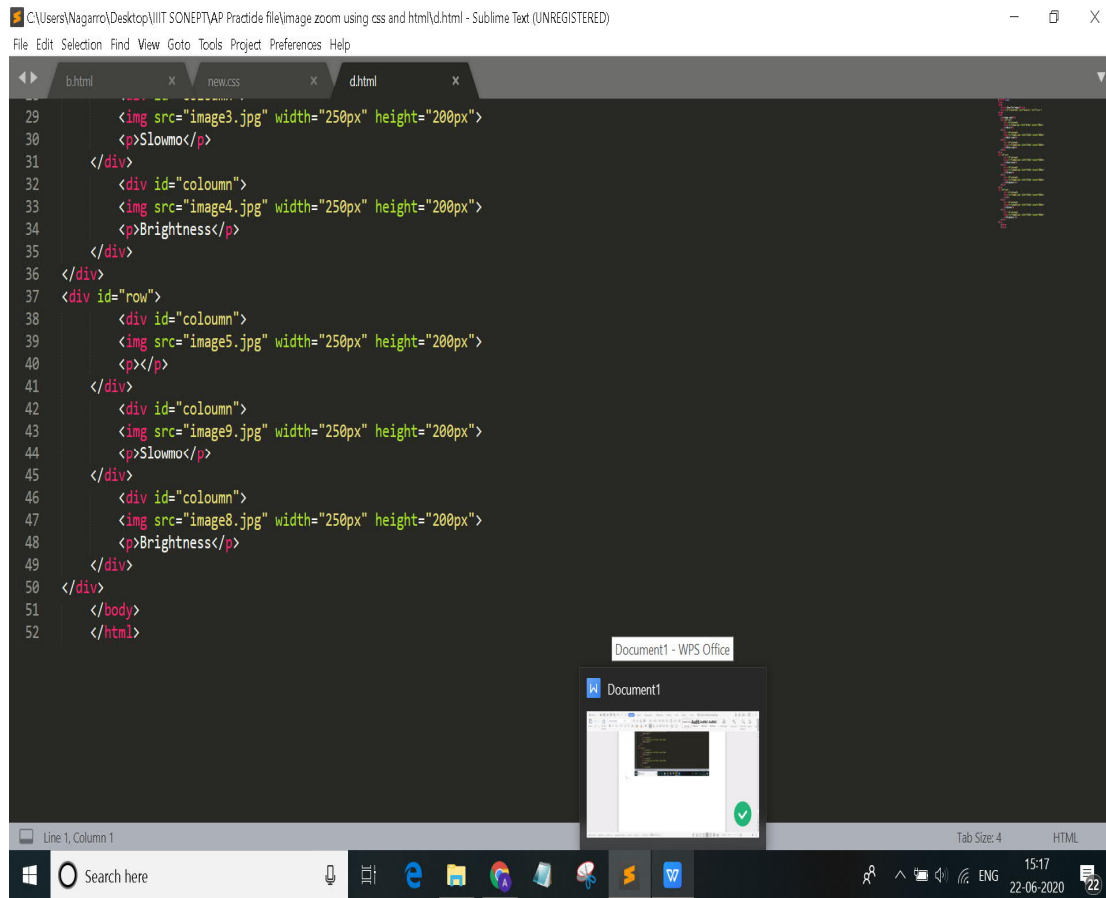
b.html x new.css x d.html x
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Zoom The Image</title>
5   <link rel="stylesheet" type="text/css" href="h.css">
6 </head>
7 <body>
8   <h1>Image zoom</h1>
9   <div id="row">
10     <div id="column">
11       
12       <p>Basic</p>
13     </div>
14     <div id="column">
15       
16       <p>Quick-zoom</p>
17     </div>
18     <div id="column">
19       
20       <p>Point-zoom</p>
21     </div>
22   </div>
23   <div id="row">
24     <div id="column">
25       
26       <p>Zoom-n-pan</p>
27     </div>
28     <div id="column">
29       
30       <p>Slowmo</p>
31     </div>
32     <div id="column">
33       
34       <p>Zoom-in</p>
35     </div>
36   </div>
37 </body>
38 </html>
```

Line 1, Column 1; Detect Indentation: Setting indentation to tabs Tab Size: 4 HTML

Search here

15:17 22-06-2020 ENG

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The screenshot shows a Windows desktop environment. The primary window is Sublime Text, displaying an HTML file with the following code:

```
29 
30 <p>Slowmo</p>
31 </div>
32 <div id="coloumn">
33 
34 <p>Brightness</p>
35 </div>
36 </div>
37 <div id="row">
38 <div id="coloumn">
39 
40 <p></p>
41 </div>
42 <div id="coloumn">
43 
44 <p>Slowmo</p>
45 </div>
46 <div id="coloumn">
47 
48 <p>Brightness</p>
49 </div>
50 </div>
51 </body>
52 </html>
```

Below the Sublime Text window, a WPS Office window titled "Document1" is open, showing a preview of the HTML content. The Windows taskbar at the bottom includes the Start button, a search bar, and several application icons. The system tray on the right shows the time as 15:17 on 22-06-2020.

CSS STYLING WITH EXTERNAL LINK:-

AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIT SONETVAP Practide file\image zoom using css and html\h.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

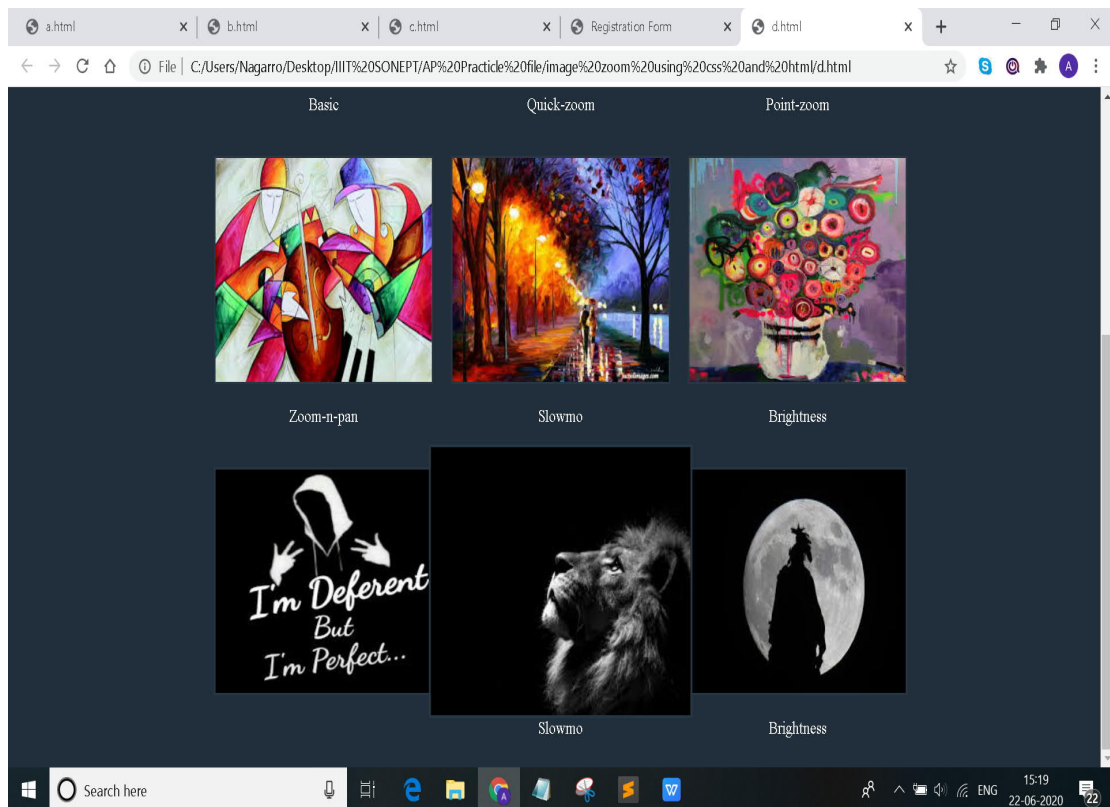
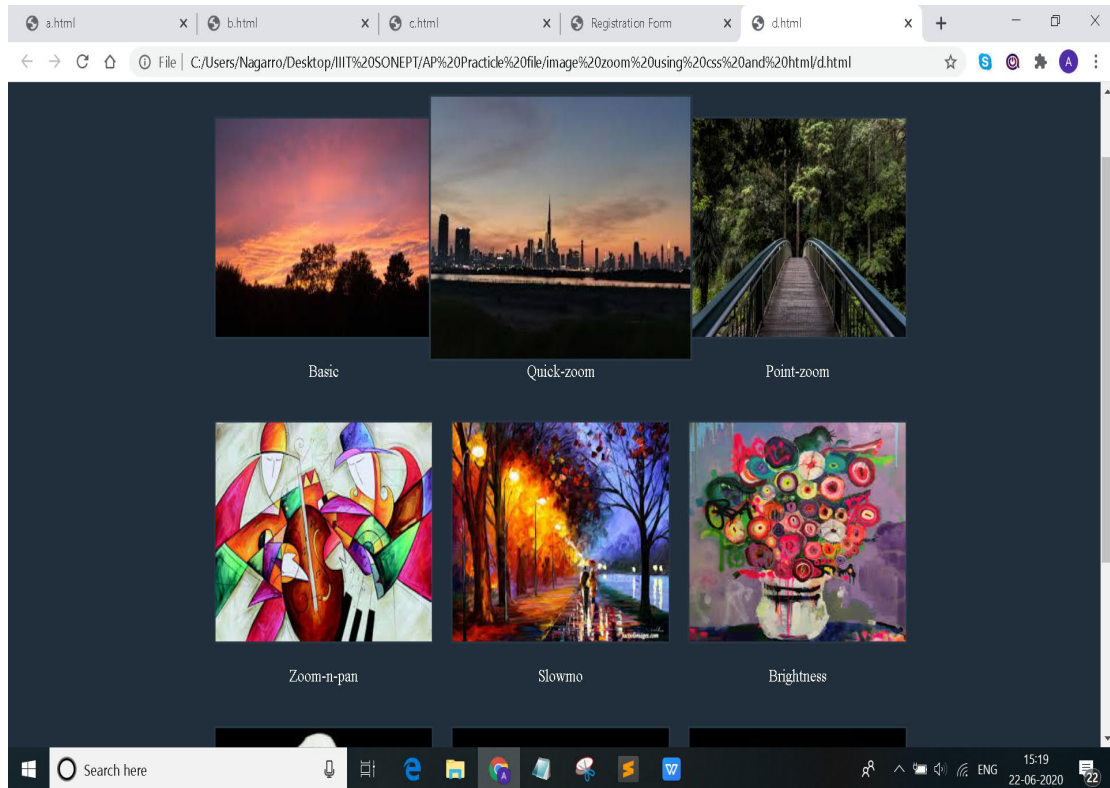
b.html x new.css x d.html x h.css x
1 body
2 {
3     background-color: #212F3D;
4 }
5 h1, p
6 {
7     text-align: center;
8     color: white;
9 }
10 p
11 {
12     color: white;
13 }
14 #row
15 {
16     margin-left: 220px;
17 }
18 #column
19 {
20     float: left;
21     padding: 10px;
22 }
23 img
24 {
25     transition: transform 0.5s ease;
26     overflow: hidden;
27 }
28 img:hover
29 {
30     transform: scale(1.2);
31 }
32 img
```

```
C:\Users\Nagarro\Desktop\IIT SONETVAP Practide file\image zoom using css and html\h.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

b.html x new.css x d.html x h.css x
25 transition: transform 0.5s ease;
26 overflow: hidden;
27 }
28 img:hover
29 {
30     transform: scale(1.2);
31 }
32 img
33 {
34     border: 2px solid #273746;
35 }
36
```

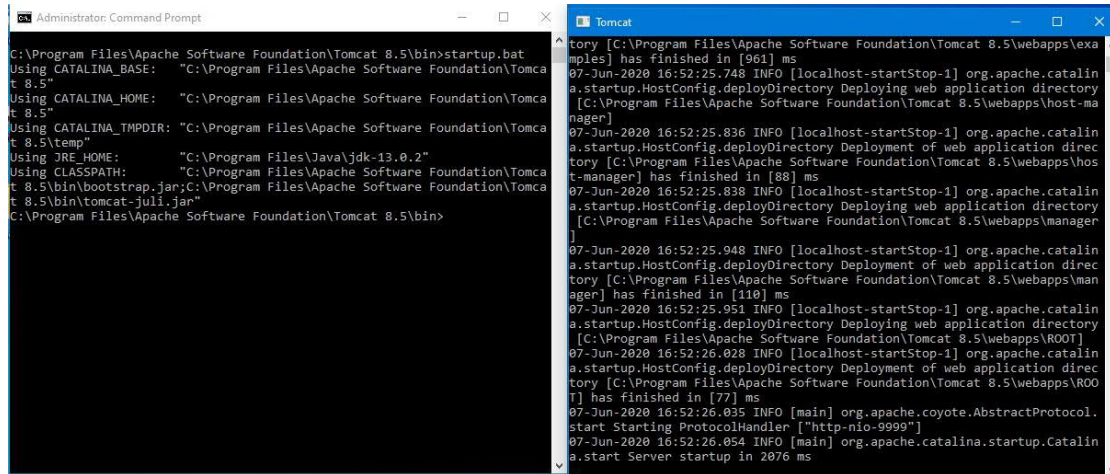
OUTPUT:-

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Q.4 Setting up and configuration of Apache Tomcat Server.



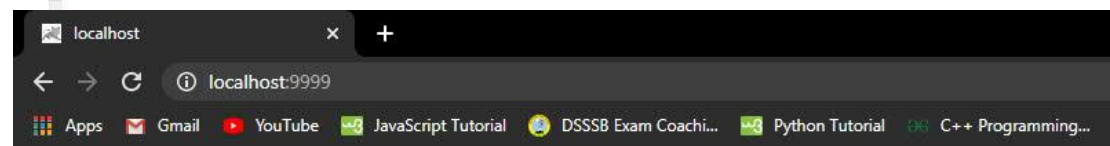
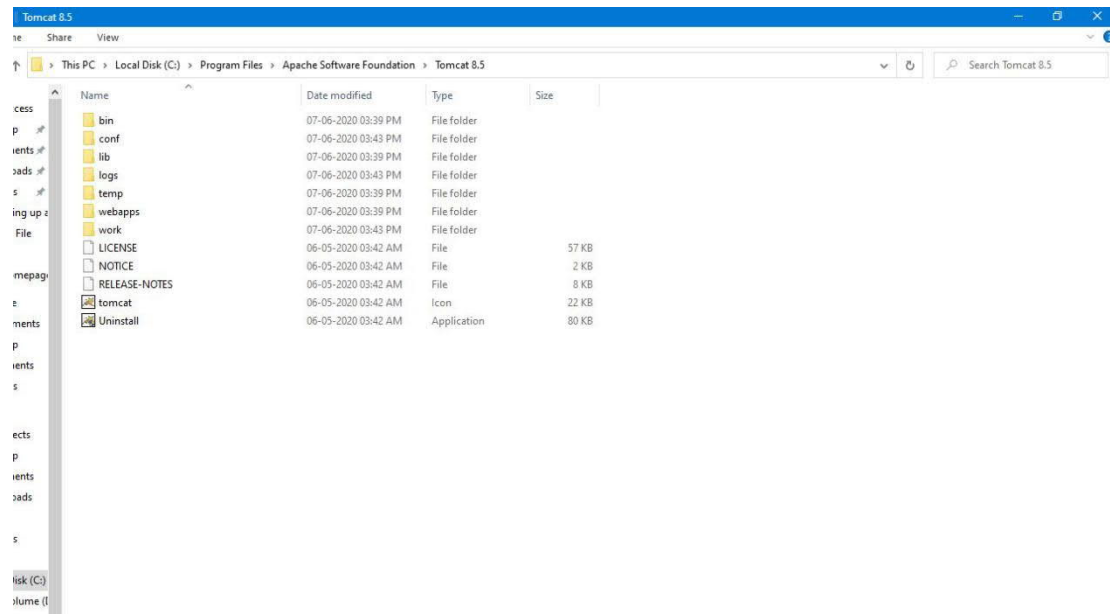
The image displays two side-by-side windows. The left window is an 'Administrator: Command Prompt' showing the execution of the 'startup.bat' script for Apache Tomcat 8.5. It lists environment variables: CATALINA_BASE, CATALINA_HOME, CATALINA_TMPDIR, JRE_HOME, and CLASSPATH. The right window is the 'Tomcat' application log, showing a series of INFO messages from 'localhost-startStop-1' and 'main' threads, detailing the deployment of web application directories and the successful start of the Catalina server.

```
C:\Program Files\Apache Software Foundation\Tomcat 8.5\bin>startup.bat
Using CATALINA_BASE:  "C:\Program Files\Apache Software Foundation\Tomcat 8.5"
Using CATALINA_HOME:  "C:\Program Files\Apache Software Foundation\Tomcat 8.5"
Using CATALINA_TMPDIR: "C:\Program Files\Apache Software Foundation\Tomcat 8.5\temp"
Using JRE_HOME:        "C:\Program Files\Java\jdk-13.0.2"
Using CLASSPATH:        "C:\Program Files\Apache Software Foundation\Tomcat 8.5\bin\bootstrap.jar;C:\Program Files\Apache Software Foundation\Tomcat 8.5\bin\tomcat-juli.jar"
C:\Program Files\Apache Software Foundation\Tomcat 8.5\bin>
```

```

tory [C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps\examples] has finished in [961] ms
07-Jun-2020 16:52:25.748 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps\host-manager]
07-Jun-2020 16:52:25.836 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps\host-manager] has finished in [88] ms
07-Jun-2020 16:52:25.838 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps\manager]
07-Jun-2020 16:52:25.948 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps\manager] has finished in [110] ms
07-Jun-2020 16:52:25.951 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploying web application directory [C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps\ROOT]
07-Jun-2020 16:52:26.028 INFO [localhost-startStop-1] org.apache.catalina.startup.HostConfig.deployDirectory Deployment of web application directory [C:\Program Files\Apache Software Foundation\Tomcat 8.5\webapps\ROOT] has finished in [77] ms
07-Jun-2020 16:52:26.035 INFO [main] org.apache.coyote.AbstractProtocol.start Starting ProtocolHandler ["http-nio-9999"]
07-Jun-2020 16:52:26.054 INFO [main] org.apache.catalina.startup.Catalina.start Server startup in 2076 ms
```

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This site can't be reached

localhost refused to connect.

Try:

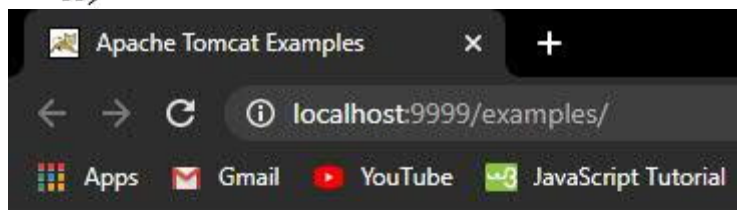
- Checking the connection
- [Checking the proxy and the firewall](#)

ERR_CONNECTION_REFUSED

Reload

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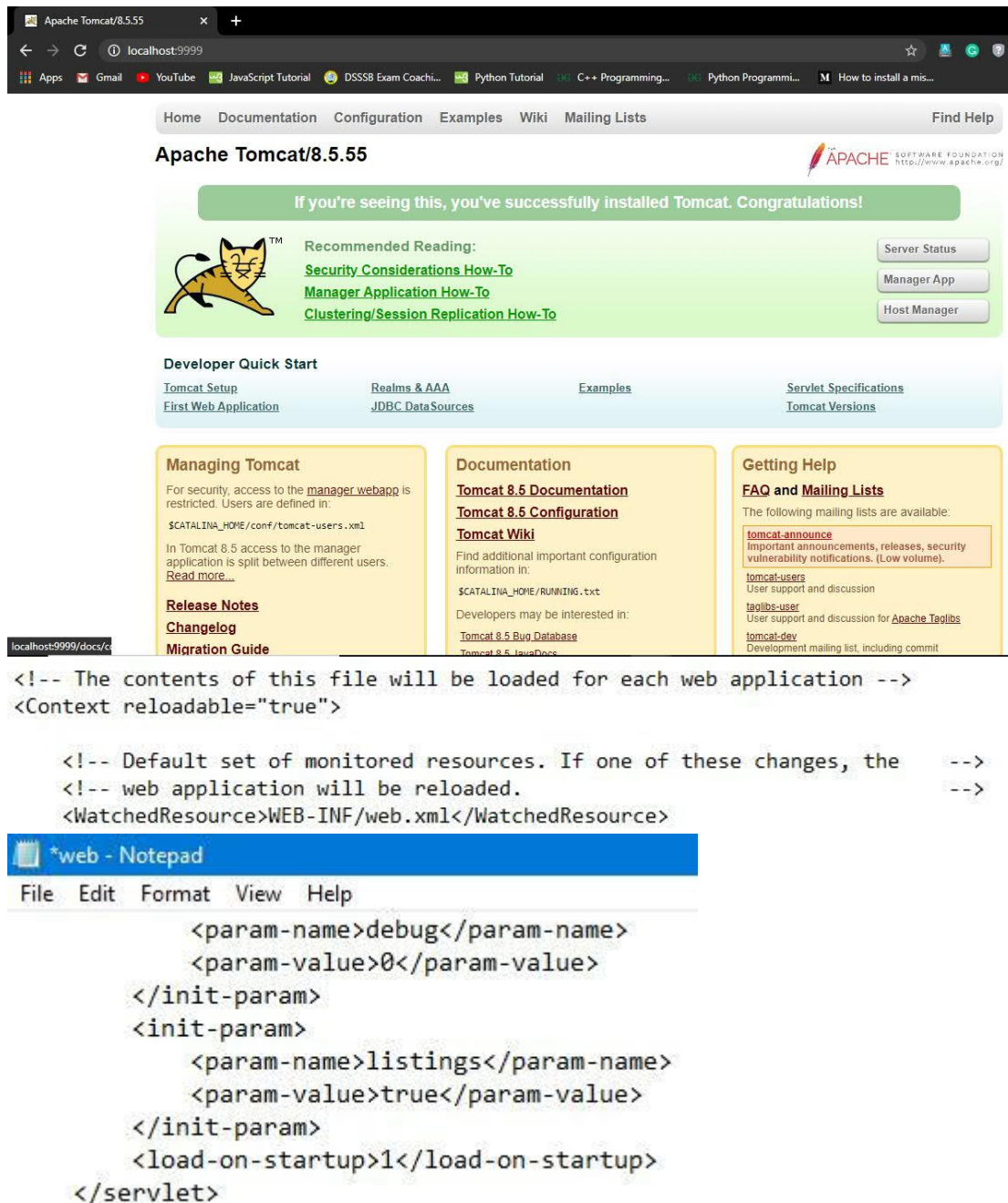
```
<!-- A "Connector" represents an endpoint by which requests are received
and responses are returned. Documentation at :
Java HTTP Connector: /docs/config/http.html
Java AJP  Connector: /docs/config/ajp.html
APR (HTTP/AJP) Connector: /docs/apr.html
Define a non-SSL/TLS HTTP/1.1 Connector on port 9999
-->
<Connector port="9999" protocol="HTTP/1.1"
           connectionTimeout="20000"
           redirectPort="8443" />
<!-- A "Connector" using the shared thread pool-->
<!--
<Connector executor="tomcatThreadPool"
           port="9999" protocol="HTTP/1.1"
           connectionTimeout="20000"
           redirectPort="8443" />
-->
```



Apache Tomcat Examples

- [Servlets examples](#)
- [JSP Examples](#)
- [WebSocket Examples](#)

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The image shows a web browser displaying the Apache Tomcat/8.5.55 management interface at localhost:9999. The interface includes a navigation bar with links like Home, Documentation, Configuration, Examples, Wiki, and Mailing Lists. A green banner congratulates the user for a successful installation. Below this, there are sections for Recommended Reading (Security Considerations, Manager Application, Clustering), Developer Quick Start (Tomcat Setup, Realms & AAA, Examples, Servlet Specifications), and three main content boxes: Managing Tomcat, Documentation, and Getting Help. The Documentation box contains links to Tomcat 8.5 Documentation, Tomcat 8.5 Configuration, and Tomcat Wiki. Below the browser window, a Notepad window is open, showing the contents of a web.xml file. The code includes comments and XML tags for configuration parameters like debug, listings, and load-on-startup.

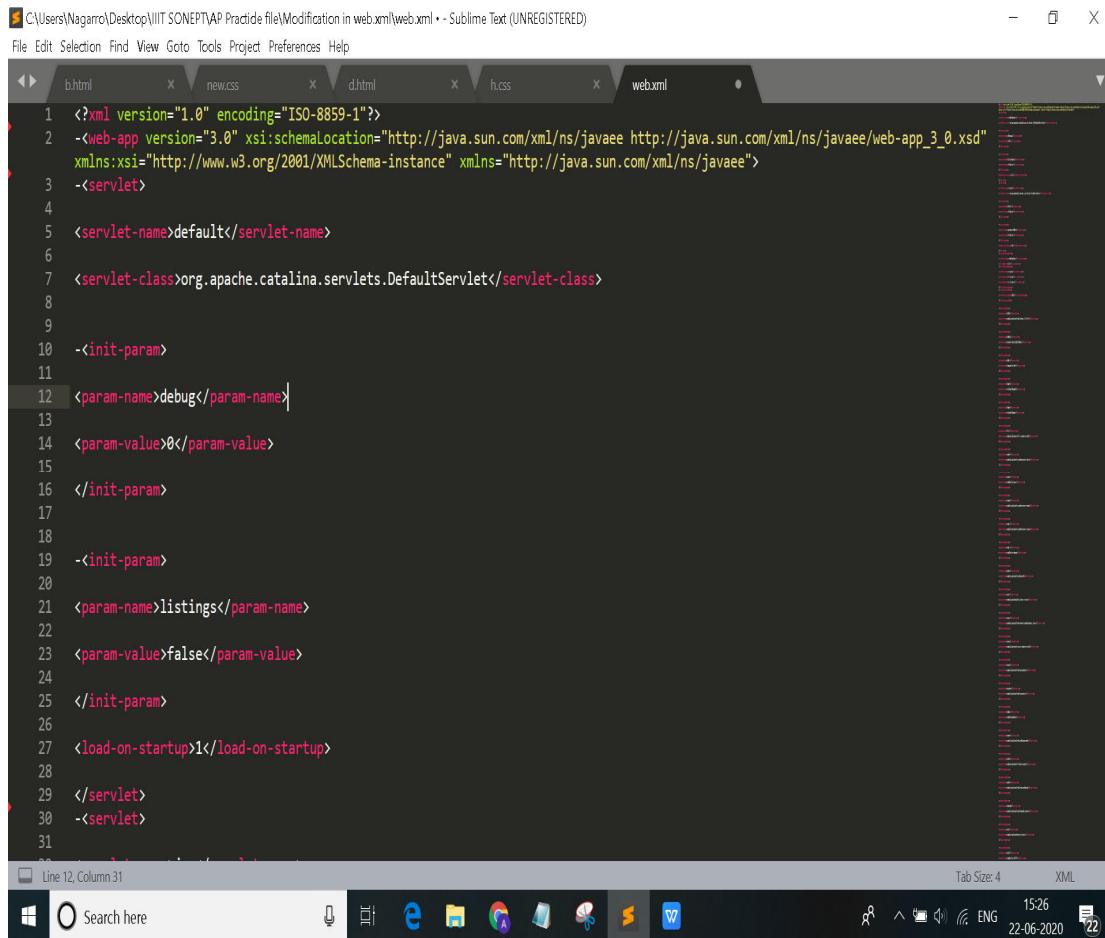
```
<!-- The contents of this file will be loaded for each web application -->
<Context reloadable="true">

    <!-- Default set of monitored resources. If one of these changes, the
    <!-- web application will be reloaded. -->
    <WatchedResource>WEB-INF/web.xml</WatchedResource>

    <init-param>
        <param-name>debug</param-name>
        <param-value>0</param-value>
    </init-param>
    <init-param>
        <param-name>listings</param-name>
        <param-value>true</param-value>
    </init-param>
    <load-on-startup>1</load-on-startup>
</servlet>
```

Q.5 Understanding modification of Web.Xml.

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```
C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Pradtide file\Modification in web.xml\web.xml • Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

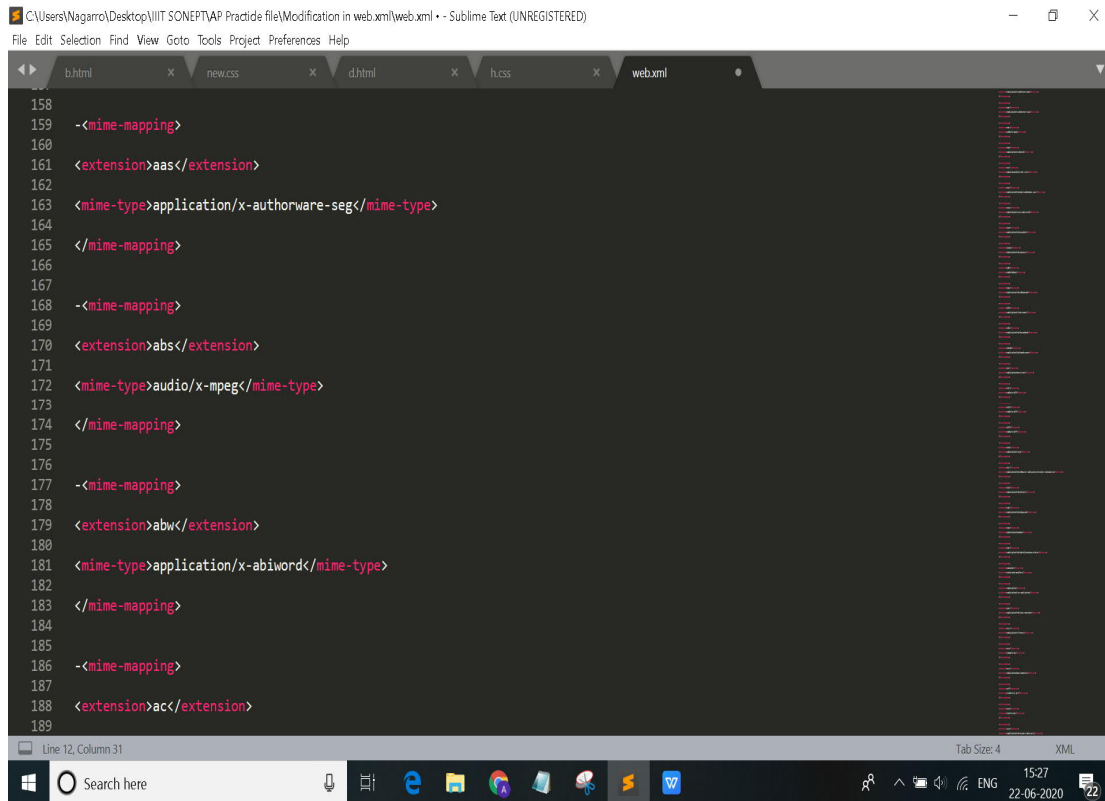
b.html x new.css x d.html x h.css x web.xml
1 <?xml version="1.0" encoding="ISO-8859-1"?>
2 <-web-app version="3.0" xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee">
3 <-servlet>
4
5 <servlet-name>default</servlet-name>
6
7 <servlet-class>org.apache.catalina.servlets.DefaultServlet</servlet-class>
8
9
10 <-init-param>
11
12 <param-name>debug</param-name>
13
14 <param-value>0</param-value>
15
16 </init-param>
17
18 <-init-param>
19
20 <param-name>listings</param-name>
21
22 <param-value>>false</param-value>
23
24 </init-param>
25
26 <load-on-startup>1</load-on-startup>
27
28 </servlet>
29
30 <-servlet>
31
```

Line 12, Column 31 Tab Size: 4 XML

Search here

15:26 22-06-2020

AP LAB PRACTICLE FILE by: Ayushi Gupta



```
158
159 -<mime-mapping>
160
161   <extension>aas</extension>
162
163   <mime-type>application/x-authorware-seg</mime-type>
164
165 </mime-mapping>
166
167 -<mime-mapping>
168
169   <extension>abs</extension>
170
171   <mime-type>audio/x-mpeg</mime-type>
172
173 </mime-mapping>
174
175 -<mime-mapping>
176
177   <extension>abw</extension>
178
179   <mime-type>application/x-abiword</mime-type>
180
181 </mime-mapping>
182
183 -<mime-mapping>
184
185   <extension>ac</extension>
186
187
188
189
```

Q.6 Creating Website using PHP.

AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIT SONET\AP Practide file\create a website using php\html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

html
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>SOCIAL CONTACT FORM</title>
5 <link rel="stylesheet" type="text/css" href="new1.css">
6 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
7 </head>
8 <body>
9 <div id="header">
10 <div class="login">
11 
12 <h1>Login with Social Meadia or Manually</h1>
13 <div class="v1"></div>
14 </div>
15 <div class="row">
16 <div class="col">
17 <a href="https://www.facebook.com/" class="fa fa-facebook"> Login with Facebook</a>
18 <a href="https://twitter.com/explore" class="fa fa-twitter"> Login with Twitter</a>
19 <a href="https://www.google.com/" class="fa fa-google"> Login with Google</a>
20 </div>
21 </div>
22 <div class="col">
23 <form action="message.html">
24 <input type="text" name="username" placeholder="Username" size="40" autocomplete="off"><br><br>
25 <input type="password" name="Password" placeholder="Password" size="40" autocomplete="off"><br><br>
26 <input type="submit" name="submit" value="Login">
27 </form>
28 </div>
29 </div>
30 <div id="footer">
31 <h1><a href="a.html">Sign Up</a></h1>
32 <p style="font-size:20px"><a href="#">Forget Password?</a></p>
33 </div>
34 </body>
35 </html>
```

CSS STYLING WITH EXTERNAL LINK:-

AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIIT SONNET\AP Practide file\create a website using php\new1.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

chtml x new1.css x
1 body
2 {
3     background-image: url("image10.jpg");
4     background-position: center;
5     background-repeat: no-repeat;
6     background-size: cover;
7 }
8 #header
9 {
10    width: 80%;
11    height: 100%;
12    color: white;
13    margin: 100px 100px;
14    background-color: black;
15    opacity: 0.7;
16    padding: 15px;
17 }
18 .login
19 {
20    text-align: center;
21 }
22 .image
23 {
24    border-radius: 50px;
25 }
26 .fa
27 {
28    width: 70%;
29    padding: 18px;
30    margin: 8px 15px;
31    font-size: 20px;
32    text-decoration: none;
33 }
34 }
35 }
36 }
37 }
38 }
39 }
40 }
41 }
42 }
43 }
44 }
45 }
46 }
47 }
48 }
49 }
50 }
51 }
52 }
53 }
54 }
55 }
56 }
57 }
58 }
59 }
60 }
61 }
62 }
63 }
64 }
65 }
66 }
```

```
C:\Users\Nagarro\Desktop\IIIT SONNET\AP Practide file\create a website using php\new1.css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

chtml x new1.css x
35 }
36 .fa-facebook
37 {
38    background: #3B5998;
39    color: white;
40 }
41 .fa-facebook:hover
42 {
43    background-color: #4267B2;
44 }
45 .fa-twitter
46 {
47    background: #55ACEE;
48    color: white;
49 }
50 .fa-twitter:hover
51 {
52    background-color: #3498DB;
53 }
54 .fa-google
55 {
56    background: #dd4b39;
57    color: white;
58 }
59 .fa-google:hover
60 {
61    background-color: #C0392B;
62 }
63 .row
64 {
65    overflow: hidden;
66 }
```

AP LAB PRACTICLE FILE by: Ayushi Gupta

C:\Users\Nagarro\Desktop\IIT SONEPT\AP Pradtide file\create a website using php\new1.css - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

chtml x new1.css x

```
68 {
69     float:left;
70     width:40%;
71     padding:0px 20px;
72 }
73 .v1
74 {
75     position: absolute;
76     margin-left:31%;
77     border: 2px solid red;
78     height: 190px;
79 }
80 form
81 {
82     margin-top:10px;
83 }
84 input[type=text],input[type=password]
85 {
86     background-color:#ECF0F1 ;
87     border:none;
88     border-radius: 5px;
89     font-size:15px;
90     padding:15px;
91 }
92 input[type=text]:hover,input[type=password]:hover
93 {
94     background-color: #D5D8DC ;
95 }
96 input[type=submit]
97 {
98     color:darkblack;
99     border:none;
```

Line 98, Column 1

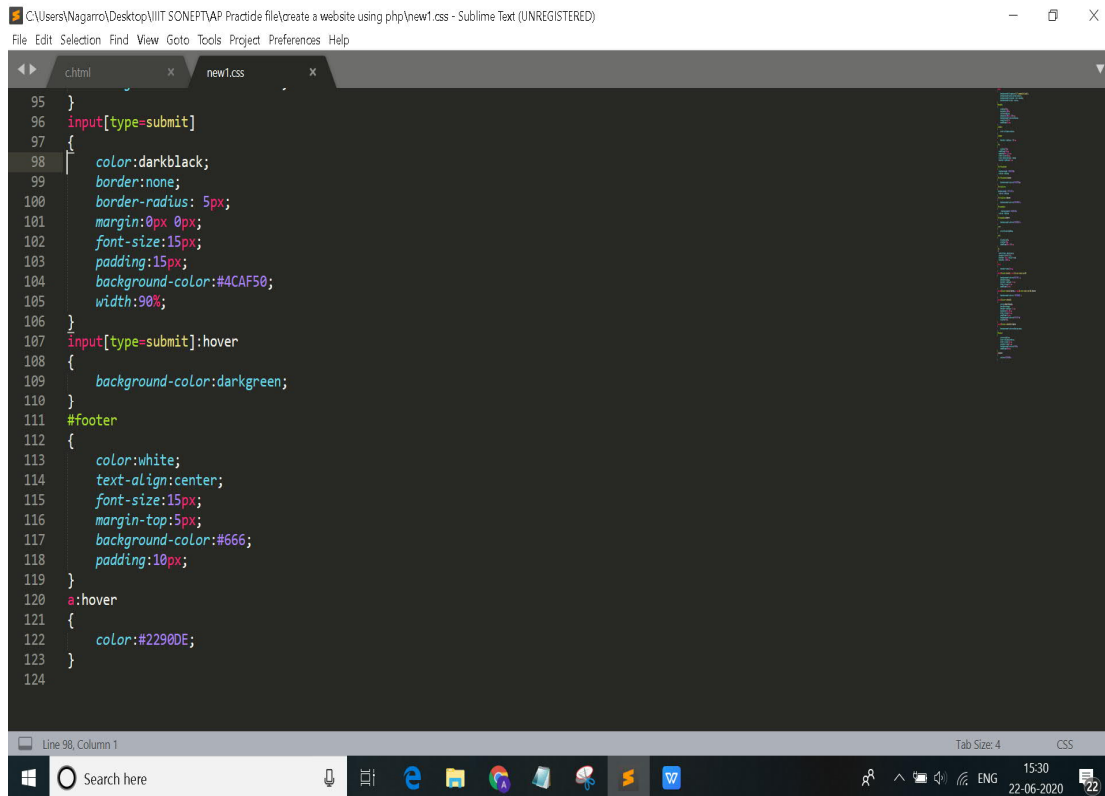
Tab Size: 4 CSS

Search here

15:30 22-06-2020

AP LAB PRACTICLE FILE by: Ayushi Gupta

OUTPUT:-



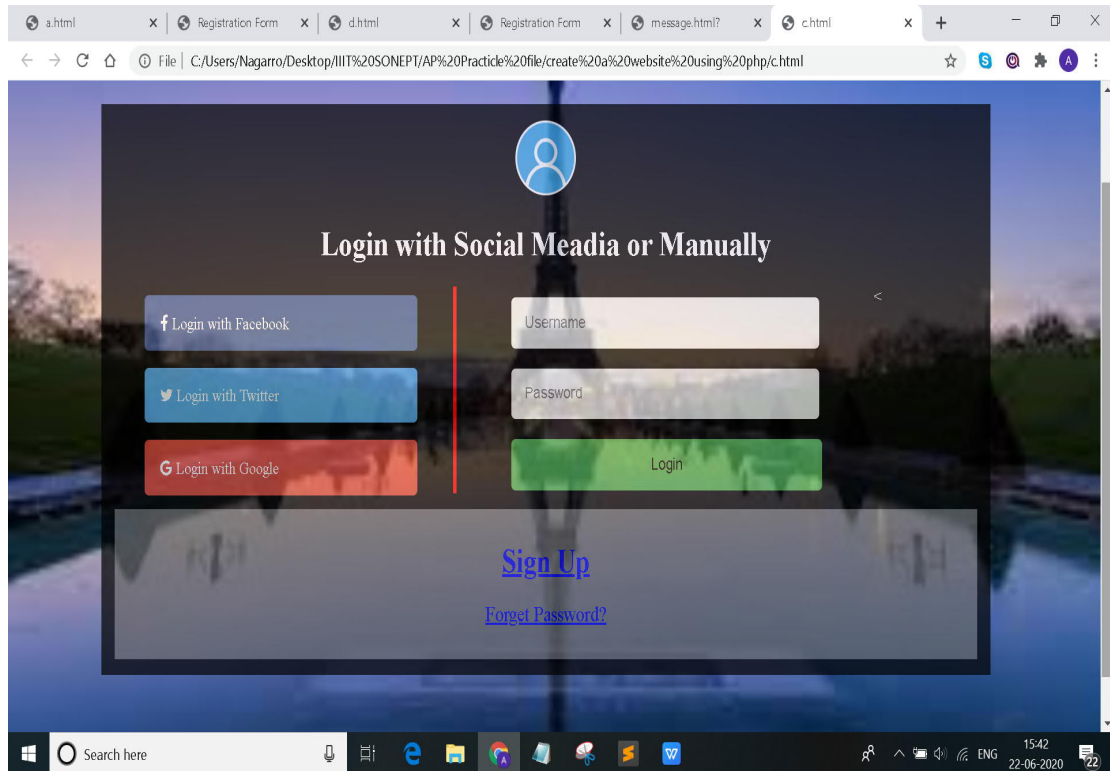
The screenshot shows a Sublime Text editor window with two tabs: 'chtml' and 'new1.css'. The 'new1.css' tab is active, displaying the following CSS code:

```
95 }
96 input[type=submit]
97 {
98     color:darkblack;
99     border:none;
100     border-radius: 5px;
101     margin:0px 0px;
102     font-size:15px;
103     padding:15px;
104     background-color:#4CAF50;
105     width:90%;
106 }
107 input[type=submit]:hover
108 {
109     background-color:darkgreen;
110 }
111 #footer
112 {
113     color:white;
114     text-align:center;
115     font-size:15px;
116     margin-top:5px;
117     background-color:#666;
118     padding:10px;
119 }
120 a:hover
121 {
122     color:#2290DE;
123 }
124
```

The editor's status bar at the bottom indicates 'Line 98, Column 1' and 'Tab Size: 4 CSS'. The Windows taskbar is visible at the bottom of the screen.

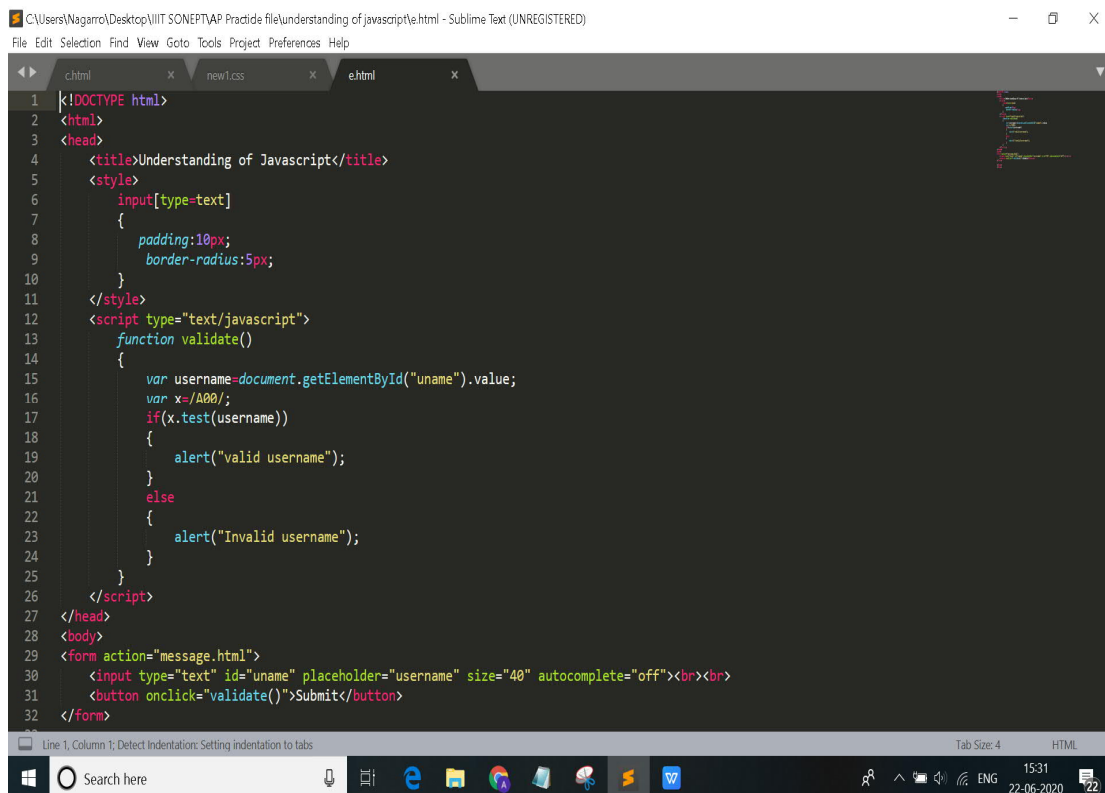
OUTPUT:-

AP LAB PRACTICE FILE by: Ayushi Gupta



AP LAB PRACTICLE FILE by: Ayushi Gupta

Q.7 Understanding Javascript.

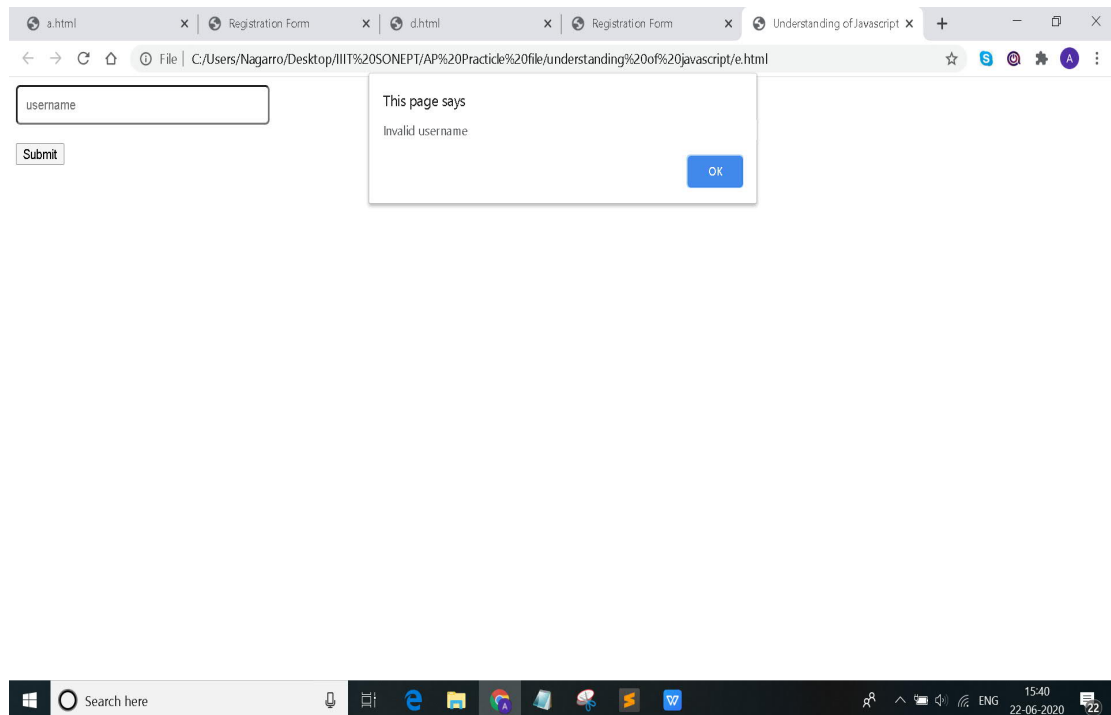


The screenshot shows a Sublime Text editor window with the following code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Understanding of Javascript</title>
5   <style>
6     input[type=text]
7     {
8       padding:10px;
9       border-radius:5px;
10    }
11  </style>
12  <script type="text/javascript">
13    function validate()
14    {
15      var username=document.getElementById("uname").value;
16      var x=/\d{0}/;
17      if(x.test(username))
18      {
19        alert("valid username");
20      }
21      else
22      {
23        alert("Invalid username");
24      }
25    }
26  </script>
27 </head>
28 <body>
29   <form action="message.html">
30     <input type="text" id="uname" placeholder="username" size="40" autocomplete="off"><br><br>
31     <button onclick="validate()">Submit</button>
32   </form>
```

The editor window has tabs for 'c.html', 'new1.css', and 'e.html'. The status bar at the bottom shows 'Line 1, Column 1; Detect Indentation: Setting indentation to tabs', 'Tab Size: 4', 'HTML', and the system clock '15:31 22-06-2020'.

AP LAB PRACTICLE FILE by: Ayushi Gupta



Q.8 Creating a Web Page with backend in PHP and front end in javascript and hosting it on a apache Web server.

AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIT SONETVAP Pradtice file\A web page with frontend with javascript and frontend with php\f.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

chtml x new1.css x e.html x f.html x

1 <html>
2 <head>
3 <title>Registration Form</title>
4 <link rel="stylesheet" href="f.css">
5 <script type="text/javascript" src="f.js">
6 </script>
7 </head>
8 <body>
9 <div class="header">
10 <table width="100%">
11 <th class="header"><h1>Login form using PHP</h1></th>
12 </table>
13 </div>
14 <form method="POST" action="http://localhost/AP/f.php" name="regfrom" onsubmit="return validate()">
15 <fieldset>
16 <div class="table">
17 <table width="100%">
18 <th>Username:</th>
19 <input type="text" placeholder="Username" name="username" autocomplete="off" ></th>
20 <th>Password:</th>
21 <input type="password" placeholder="Password" name="password" id="a1" autocomplete="off" ></th>
22 </table>
23 <br>
24 </div>
25 </fieldset>
26 <hr>
27 <fieldset>
28 <legend><b>Personal details:</b></legend>
29 <table width="100%">
30 <th>First Name:</th>
31 <input type="text" placeholder="First name" id="a2" autocomplete="off" ></th>
32 <th>Last Name:</th>
33 <input type="text" placeholder="Last name" id="a3" autocomplete="off" ></th>
34 </table>
35 </fieldset>
36 <div class="table">
37 <table width="100%">
38 <th>Gender:</th>
39 <input type="radio" name="ab" value="male">Male
40 <input type="radio" name="ab" value="female">Female
41 <input type="radio" name="ab" value="others">Others
42 </table>
43 </div>
44 </fieldset>
45 <hr>
46 <fieldset>
47 <legend><b>Contact Info:</b></legend>
48 <table width="100%">
49 <th>E-mail:</th>
50 <input type="text" id="a3" placeholder="Email id" autocomplete="off" ></th>
51 <th>Mobile No:</th>
52 <input type="text" id="a4" placeholder="Mobile number" autocomplete="off" ></th>
53 </table>
54 <br>
55 <fieldset>
56 <legend><b>Address:</b></legend>
57 <table width="100%">
58 <th>Permanent Address:</th>
59 <div class="table">
60 <table width="100%">
61 <th>Correspondence Address:</th>
62 <input type="text" id="a5" placeholder="Address" ></th>
63 <th>Correspondence address:</th>
64 <input type="text" id="a6" placeholder="Correspondence address" ></th>
65 </table>
66 </div>
67 </table>
68 </fieldset>
69 </table>
70 </div>
71 </body>
72 </html>
```

```
C:\Users\Nagarro\Desktop\IIT SONETVAP Pradtice file\A web page with frontend with javascript and frontend with php\f.html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

chtml x new1.css x e.html x f.html x

33 <input type="text" placeholder="Last name" autocomplete="off" >
34 </th>
35 </table>
36 <div class="table">
37 <table width="100%">
38 <th>Gender:</th>
39 <input type="radio" name="ab" value="male">Male
40 <input type="radio" name="ab" value="female">Female
41 <input type="radio" name="ab" value="others">Others
42 </table>
43 </div>
44 </fieldset>
45 <hr>
46 <fieldset>
47 <legend><b>Contact Info:</b></legend>
48 <table width="100%">
49 <th>E-mail:</th>
50 <input type="text" id="a3" placeholder="Email id" autocomplete="off" ></th>
51 <th>Mobile No:</th>
52 <input type="text" id="a4" placeholder="Mobile number" autocomplete="off" ></th>
53 </table>
54 <br>
55 <fieldset>
56 <legend><b>Address:</b></legend>
57 <table width="100%">
58 <th>Permanent Address:</th>
59 <div class="table">
60 <table width="100%">
61 <th>Correspondence Address:</th>
62 <input type="text" id="a5" placeholder="Address" ></th>
63 <th>Correspondence address:</th>
64 <input type="text" id="a6" placeholder="Correspondence address" ></th>
65 </table>
66 </div>
67 </table>
68 </fieldset>
69 </table>
70 </div>
71 </body>
72 </html>
```

AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Pradtice file\A web page with frontend with javascript and frontend with php\html - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

c.html x new1.css x e.html x f.html x

54 <table width="100%">
55 <th><label>Permanent Address:</label>
56 <br>
57 <textarea name="name" rows="5" cols="40" id="a5" placeholder="Address"></textarea></th>
58 <th><label>Correspondence Address:</label>
59 <br>
60 <textarea name="name" rows="5" cols="40" placeholder="Correspondence address"></textarea></th>
61 </table>
62 </fieldset>
63 </fieldset>
64 <table width="100%">
65 <th><input type="submit" value="Submit" name="submit"></th>
66 <th><input type="reset" value="Clear"></th>
67 </table>
68 </form>
69 </body>
70 </html>
```

CSS STYLING WITH EXTERNAL LINK:-

AP LAB PRACTICLE FILE by: Ayushi Gupta

```
C:\Users\Nagarro\Desktop\IIT SONEPT\AP Pradtice file\A web page with frontend with javascript and frontend with php\css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

chtml x new1.css x e.html x f.html x f.css x

1 body
2 {
3     box-sizing: border-box;
4     border: 3px solid #01153C;
5     background-color: #A686CD;
6 }
7 legend
8 {
9     color: #34495E ;
10 }
11 .table
12 {
13     margin: auto;
14 }
15 input[type=text],input[type=Password],input[type=email],textarea
16 {
17     padding:5px;
18     border-radius:2px;
19     background-color: lightgrey;
20 }
21 input[type=radio]
22 {
23     margin-left:20px;
24 }
25 .abcd
26 {
27     margin-left: 200px;
28 }
29 input[type=submit],input[type=reset]
30 {
31     background-color:#5FBA7F;
32     width:40%;
33     height:30px;
34     border-left:black;
35 }
36 .header
37 {
38     text-align: center;
39     background-color: #E99E7D;
40     padding-top:5px;
41 }
```

```
C:\Users\Nagarro\Desktop\IIT SONEPT\AP Pradtice file\A web page with frontend with javascript and frontend with php\css - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

chtml x new1.css x e.html x f.html x f.css x

28 }
29 input[type=submit],input[type=reset]
30 {
31     background-color:#5FBA7F;
32     width:40%;
33     height: 30px;
34     border-left:black;
35 }
36 .header
37 {
38     text-align: center;
39     background-color: #E99E7D;
40     padding-top:5px;
41 }
```

AP LAB PRACTICLE FILE by: Ayushi Gupta

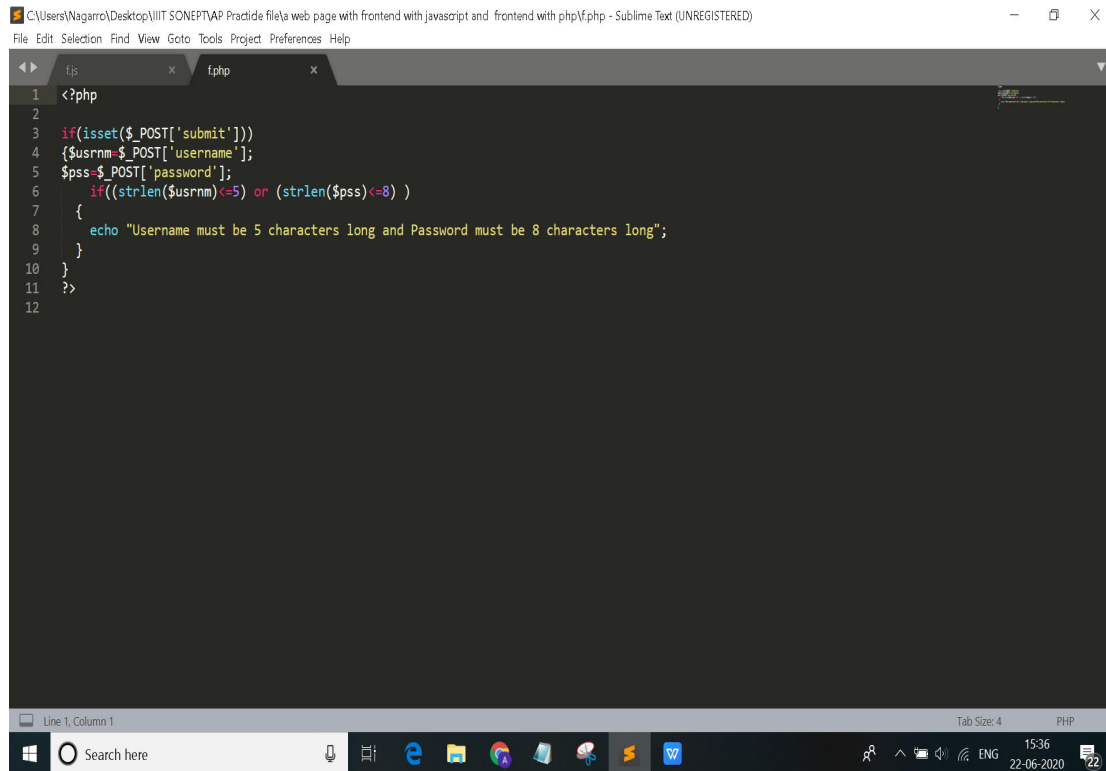
Javascript code:-

```
C:\Users\Nagarro\Desktop\IIT SONET\AP Praticide file\ap web page with frontend with javascript and frontend with php\ajs - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

1 function validate()
2 {
3   var b= document.getElementById('a2').value;
4   var c= document.getElementsByName('ab').value;
5   var d=document.getElementById('a3').value;
6   var e= document.getElementById('a4').value;
7   var f=document.getElementById('a5').value;
8   if(b==" " || b==0)
9   {
10    alert("Please Enter First Name");
11    return false;
12  }
13  if(c==" " || c==0)
14  {
15    alert("Please Select Gender");
16    return false;
17  }
18  if(d==" " || d==0)
19  {
20    alert("Please Enter a Valid E-mail");
21    return false;
22  }
23  if(d==" " || d==0 || d.length<10)
24  {
25    alert("Please Enter a Valid Number");
26    return false;
27  }
28  if(c==" ")
29  {
30    alert("Please Enter a valid address");
31    return false;
32  }
33 }
```

PHP CODE:-

AP LAB PRACTICLE FILE by:Ayushi Gupta



The screenshot shows a Sublime Text editor window with the title bar indicating the file path: C:\Users\Nagarro\Desktop\IIIT SONEPT\AP Pradtide file\A web page with frontend with javascript and frontend with php\fp.php - Sublime Text (UNREGISTERED). The editor has two tabs open: 'f.js' and 'fp.php'. The 'fp.php' tab is active, displaying a PHP script. The script checks if the 'submit' button is pressed, retrieves the 'username' and 'password' from the POST data, and validates their lengths. If the username is 5 characters or less, or the password is 8 characters or less, it echoes an error message: "Username must be 5 characters long and Password must be 8 characters long". The script ends with a closing PHP tag. The Windows taskbar is visible at the bottom, showing the Start button, a search bar, and several application icons including Edge, File Explorer, Chrome, and Word. The system clock shows 15:36 on 22-06-2020.

```
1 <?php
2
3 if(isset($_POST['submit']))
4 {
5     $usrnm=$_POST['username'];
6     $pss=$_POST['password'];
7     if((strlen($usrnm)<=5) or (strlen($pss)<=8) )
8     {
9         echo "Username must be 5 characters long and Password must be 8 characters long";
10    }
11 }
12 ?>
```

OUTPUT:-

AP LAB PRACTICE FILE by: Ayushi Gupta

The screenshot shows a web browser window with multiple tabs. The active tab displays a login form titled "Login form using PHP". The form is structured as follows:

- Username:** A text input field with the placeholder text "Username".
- Password:** A text input field with the placeholder text "Password".
- Personal details:**
 - First Name:** A text input field with the placeholder text "First name".
 - Last Name:** A text input field with the placeholder text "Last name".
 - Gender:** Three radio buttons labeled "Male", "Female", and "Others".
- Contact Info:**
 - E-mail:** A text input field with the placeholder text "Email id".
 - Mobile No:** A text input field with the placeholder text "Mobile number".
- Address:**
 - Permanent Address:** A text area with the placeholder text "Address".
 - Correspondence Address:** A text area with the placeholder text "Correspondence address".
- Buttons:** Two green buttons labeled "Submit" and "Clear" are positioned at the bottom of the form.

The browser's address bar shows the file path: `C:/Users/Nagarro/Desktop/IIIT%20SONEPT/AP%20Practicle%20file/a%20web%20page%20with%20frontend%20with%20javascript%20and...`. The Windows taskbar at the bottom indicates the time is 15:39 on 22-06-2020.