

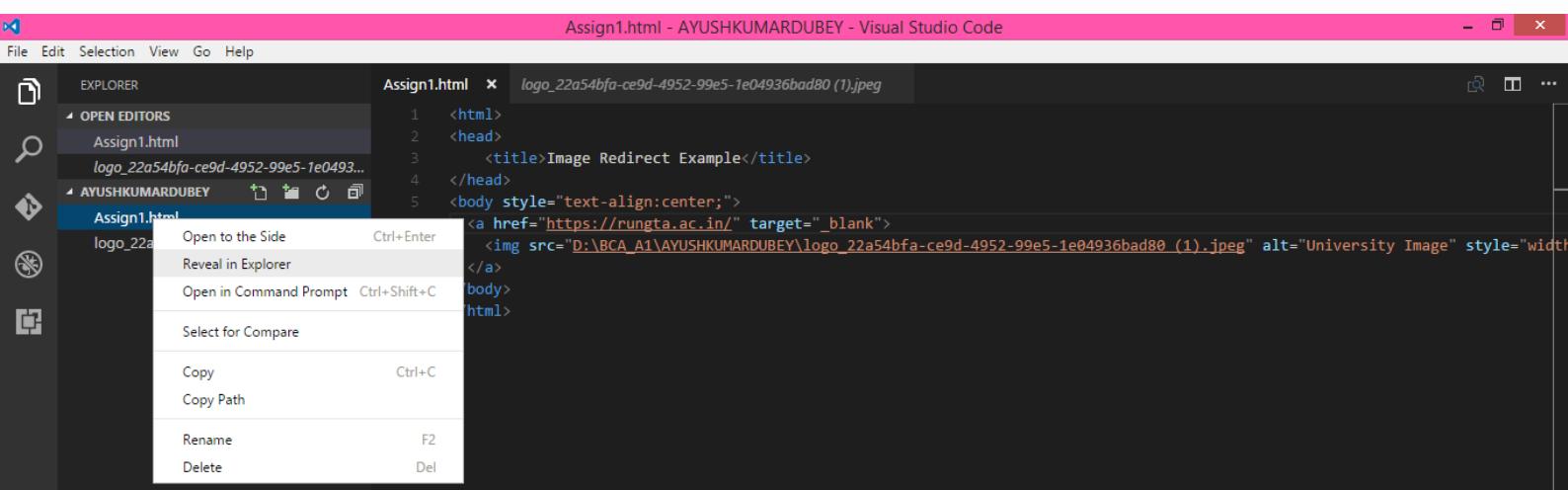
PRACTICAL ASSIGNMENT 01

1.1 Create an HTML page that displays an image of your choice. When a user clicks on the image, it should redirect to your university website.

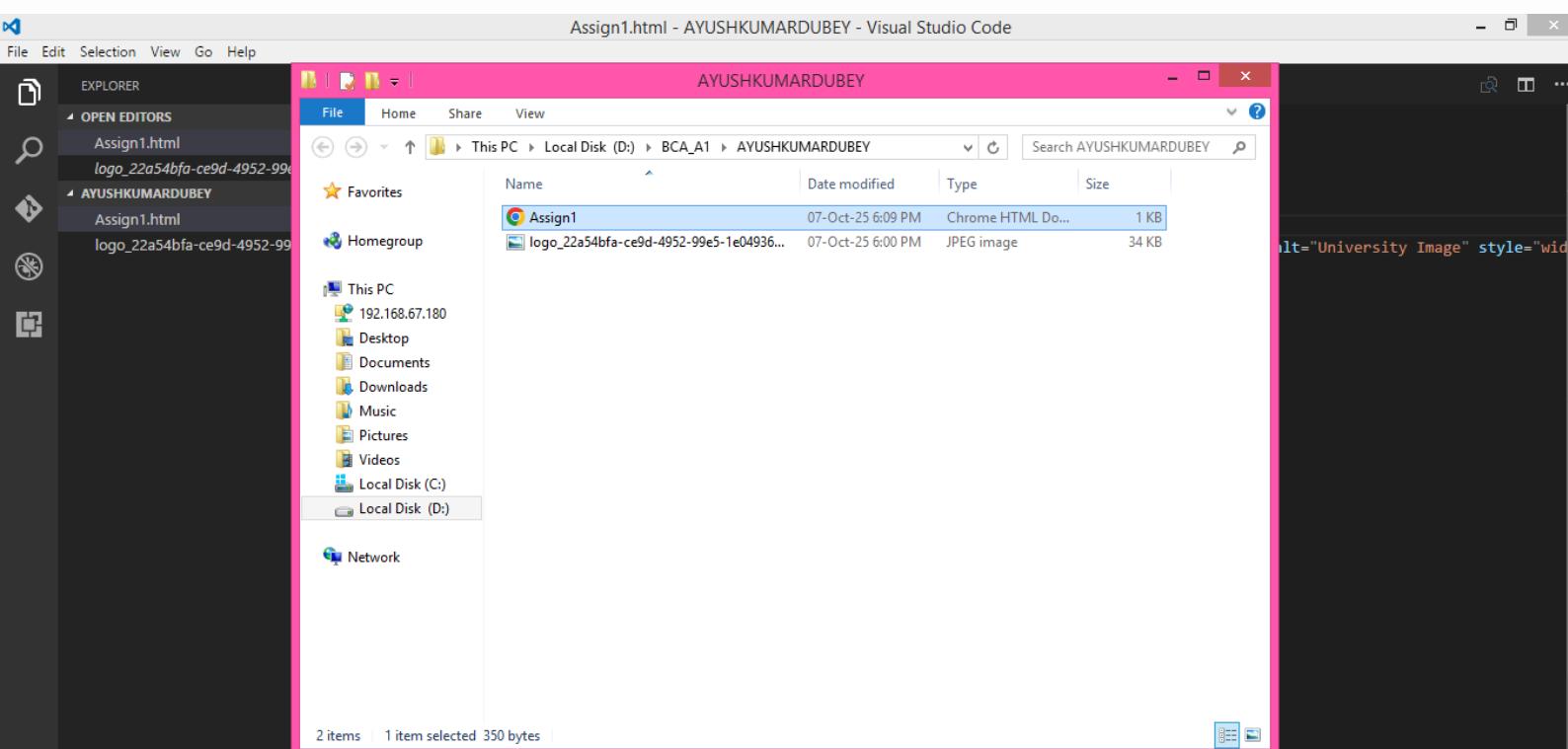
The screenshot shows the Visual Studio Code interface with a pink header bar. The title bar reads "Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code". The left sidebar has icons for Explorer, Search, Find, and others. The main area shows the code for "Assign1.html":

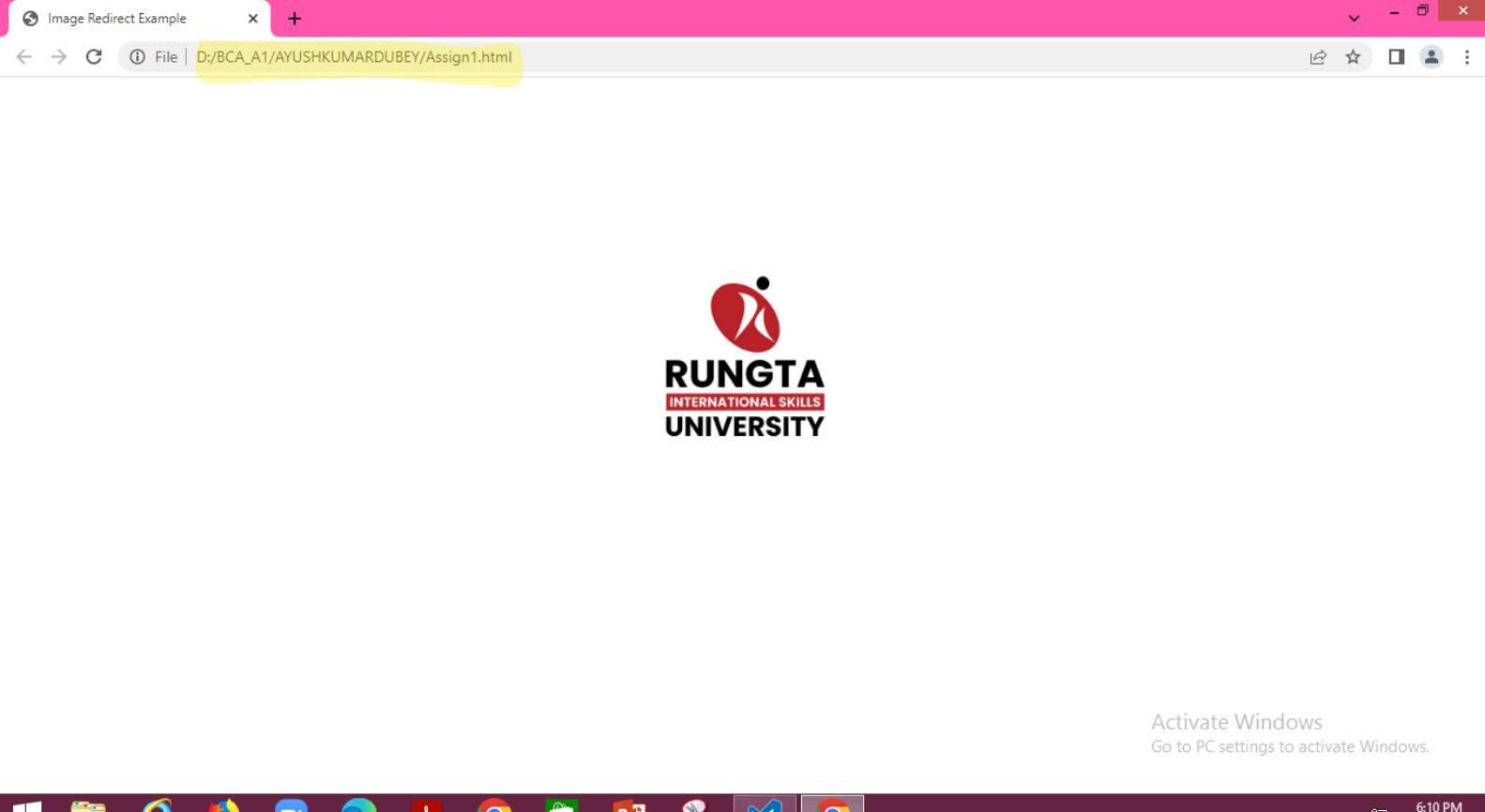
```
<html>
<head>
    <title>Image Redirect Example</title>
</head>
<body style="text-align:center;">
    <a href="https://rungta.ac.in/" target="_blank">
        
    </a>
</body>
</html>
```

After code , Using CTRL+S to save file and right click on Assign1



select reveal in Explorer and the open the Assign1 file, It will automatically open on a DEFAULT browser





Here is the the image, when click left button it will open the University page

RUNGTAA INTERNATIONAL SKILLS UNIVERSITY

INDUSTRY - READY Certifications

Powered By Tech Giants & Academic Leaders

Pay Fees Admissions 2025-26

Managed By Santosh Rungta Group Of Institutions

Admissions Open 2025

Enter Name *

Enter Email Address *

+91 Enter Mobile Number *

Select State * Select City *

Select Course/Class Select Specialization

5e9ea1 Enter Captcha

I authorize Rungta Educational Foundation and its representatives to Call, SMS, Email or WhatsApp me about its offers and products. This will override the registration on DND/ NDNC *

SUBMIT

Activate Windows
Go to PC settings to activate Windows.

Q.No.2 Design an HTML table to store student records with columns: Roll No, Name, Course, Marks, Grade. Ensure the table has a heading row and at least 5 rows of data.

```
File Edit Selection View Go Help  
Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code  
EXPLORER  
OPEN EDITORS  
Assign1.html  
AYUSHKUMARDUBEY  
Assign1.html  
1 <html>  
2 <head>  
3 <title></title>  
4 </head>  
5 <body>  
6 <table border="1" cellpadding="10" cellspacing="0">  
7 <tr bgcolor="#FFF2CD">  
8 <th rowspan="2"><font color="FD1628">BCA</font></th>  
9 <th rowspan="2"><font color="FD1628">Roll no</font></th>  
10 <th rowspan="2"><font color="FD1628">Name</font></th>  
11 <th rowspan="2"><font color="FD1628">Course</font></th>  
12 <th colspan="2"><font color="FD1628">Marks</font></th>  
13 <th rowspan="1"><font color="FD1628">Grade</font></th>  
14 </tr>  
15 <tr bgcolor="#C5E0B3">  
16 <th>Theory</th>  
17 <th>Practical</th>  
18 <th></th>  
19 </tr>  
20 <tr bgcolor="#C5E0B3">  
21 <td></td>  
22 <td></td>  
23 <td></td>  
24 <td></td>  
25 <td></td>  
26 <td></td>  
27 </tr>  
28 <tr bgcolor="#C5E0B3">  
29 <td></td>  
30 <td></td>  
31 <td></td>  
32 <td></td>  
33 <td></td>  
  
35 <td></td>  
36 <td></td>  
37 </tr>  
38 <tr bgcolor="#C5E0B3">  
39 <td></td>  
40 <td></td>  
41 <td></td>  
42 <td></td>  
43 </tr>  
44 <tr bgcolor="#C5E0B3">  
45 <td></td>  
46 <td></td>  
47 <td></td>  
48 <td></td>  
49 <td></td>  
50 <td></td>  
51 </tr>  
52 <tr bgcolor="#C5E0B3">  
53 <td></td>  
54 <td></td>  
55 <td></td>  
56 <td></td>  
57 <td></td>  
58 <td></td>  
59 </tr>  
60 </table>  
61 </body>  
62 </html>
```

To save code use CTRL+S

OUTPUT

A screenshot of a web browser window titled "Assign1.html". The address bar shows the file path "D:/BCA_A1/AYUSHKUMARDUBEY/Assign1.html". The browser interface includes standard navigation buttons (back, forward, search) and a toolbar with various icons. The main content area displays a table with the following structure:

BCA	Roll no	Name	Course	Marks		Grade
	Theory	Practical				

The first column, labeled "BCA", has a yellow background color. The other columns have a light green background color. The header row contains red text for the column headers "Roll no", "Name", "Course", "Marks", and "Grade". The sub-header row contains black text for "Theory" and "Practical". The body of the table is empty, containing only the table border.

A screenshot of a web browser window titled "Assign1.html". The address bar shows the file path "D:/BCA_A1/AYUSHKUMARDUBEY/Assign1.html". The browser interface includes standard navigation buttons (back, forward, search) and a toolbar with various icons. The main content area displays a table with the following structure:

BCA	Roll no	Name	Course	Marks		Grade
	Theory	Practical				

This table structure is identical to the one in the previous screenshot, featuring a yellow "BCA" column and light green other columns, with red and black text for headers and sub-headers respectively.

The colors used in these table are:-

1. #FD1628 – Bright Red
2. #C5E0B3 – Light Green
3. #FFF2CD – Light Cream

Example of a table with data filled

Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code

File Edit Selection View Go Help

EXPLORER

OPEN EDITORS

- Assign1.html
- AYUSHKUMARDUBEY
- Assign1.html

```
1 <html>
2 <head>
3 <title></title>
4 </head>
5 <body>
6 <table border="1" cellpadding="10" cellspacing="0">
7 <tr bgcolor="#FFF2CD">
8 <th rowspan="7"><font color="FD1628">BCA</font></th>
9 <th rowspan="2"><font color="FD1628">Roll no</font></th>
10 <th rowspan="2"><font color="FD1628">Name</font></th>
11 <th rowspan="2"><font color="FD1628">Course</font></th>
12 <th colspan="2"><font color="FD1628">Marks</font></th>
13 <th rowspan="1"><font color="FD1628">Grade</font></th>
14 </tr>
15 <tr bgcolor="#C5E0B3">
16 <th>Theory</th>
17 <th>Practical</th>
18 <th></th>
19 </tr>
20 <tr bgcolor="#C5E0B3">
21 <td>11241</td>
22 <td>Raj</td>
23 <td>ENGLISH</td>
24 <td>11</td>
25 <td>18</td>
26 <td>B</td>
27 </tr>
28 <tr bgcolor="#C5E0B3">
29 <td>11242</td>
30 <td>Ishaan</td>
31 <td>ENGLISH</td>
32 <td>08</td>
```

Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code

File Edit Selection View Go Help

EXPLORER

OPEN EDITORS

- Assign1.html
- AYUSHKUMARDUBEY
- Assign1.html

```
32 <td>08</td>
33 <td>14</td>
34 <td>D</td>
35 </tr>
36 <tr bgcolor="#C5E0B3">
37 <td>11243</td>
38 <td>Ayush</td>
39 <td>ENGLISH</td>
40 <td>16</td>
41 <td>17</td>
42 <td>A</td>
43 </tr>
44 <tr bgcolor="#C5E0B3">
45 <td>11244</td>
46 <td>Imran</td>
47 <td>ENGLISH</td>
48 <td>10</td>
49 <td>18</td>
50 <td>B</td>
51 </tr>
52 <tr bgcolor="#C5E0B3">
53 <td>11245</td>
54 <td>Mohit</td>
55 <td>ENGLISH</td>
56 <td>19</td>
57 <td>18</td>
58 <td>A+</td>
59 </tr>
60 </table>
61 </body>
62 </html>
63
```

Example of an filled table

The screenshot shows a web browser window with the title "Assign1.html". The address bar indicates the file is located at "D:/BCA_A1/AYUSHKUMARDUBEY/Assign1.html". The table displays student information for the English course. The columns are labeled "Roll no", "Name", "Course", "Marks", and "Grade". The "Marks" column is further divided into "Theory" and "Practical". The "BCA" category is listed vertically on the left side of the table.

BCA	Roll no	Name	Course	Marks		Grade
				Theory	Practical	
	11241	Raj	ENGLISH	11	18	B
	11242	Ishaan	ENGLISH	08	14	D
	11243	Ayush	ENGLISH	16	17	A
	11244	Imran	ENGLISH	10	18	B
	11245	Mohit	ENGLISH	19	18	A+

The colors used in these table are:-

1. #FD1628 – Bright Red
2. #C5E0B3 – Light Green
3. #FFF2CD – Light Cream

Q.No.1.3Build an HTML form that asks the user for their Name, Email, Gender (radio buttons), Favorite Subject (dropdown), and Comments (textarea). Add a Submit button.

Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code

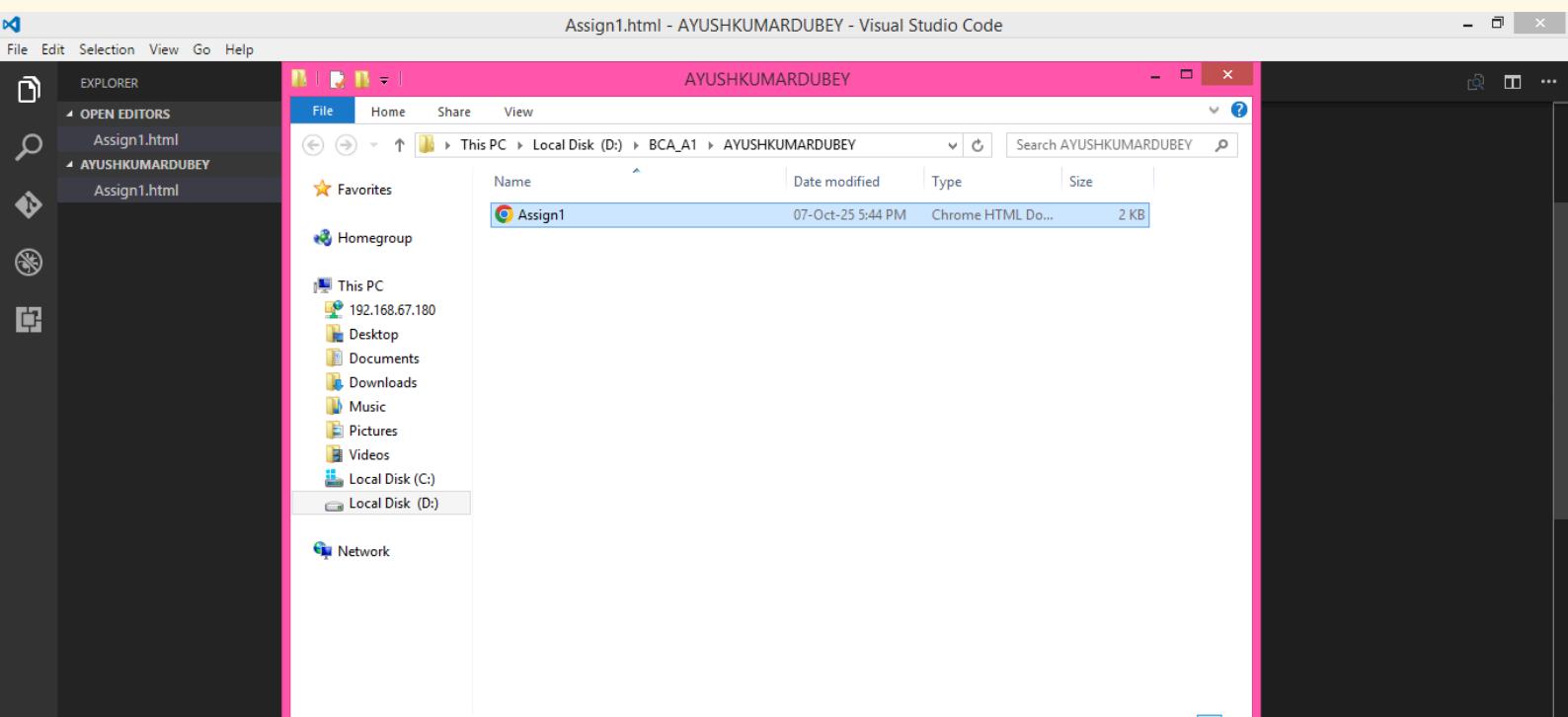
File Edit Selection View Go Help

EXPLORER

OPEN EDITORS
Assign1.html
AYUSHKUMARDUBEY
Assign1.html

```
Assign1.html x
1 <html>
2   <head>
3     <title>User Information Form</title>
4   </head>
5   <body>
6     <h2>User Information Form</h2>
7     <form action="/submit" method="post">
8       <!-- Name -->
9       <label for="name">Name:</label><br>
10      <input type="text" id="name" name="name" required><br><br>
11
12      <!-- Email -->
13      <label for="email">Email:</label><br>
14      <input type="email" id="email" name="email" required><br><br>
15
16      <!-- Gender -->
17      <label>Gender:</label><br>
18      <input type="radio" id="male" name="gender" value="Male">
19      <label for="male">Male</label><br>
20      <input type="radio" id="female" name="gender" value="Female">
21      <label for="female">Female</label><br>
22      <input type="radio" id="other" name="gender" value="Other">
23      <label for="other">Other</label><br><br>
24
25      <!-- Favorite Subject -->
26      <label for="subject">Favorite Subject:</label><br>
27      <select id="subject" name="subject">
28        <option value="Math">Math</option>
29        <option value="Science">Science</option>
30        <option value="History">History</option>
31        <option value="Literature">Literature</option>
32      </select><br><br>
33
34      <!-- Comments -->
35      <label for="comments">Comments:</label><br>
36      <textarea id="comments" name="comments" rows="4" cols="50"></textarea><br><br>
37
38      <!-- Submit Button -->
39      <input type="submit" value="Submit">
40    </form>
41  </body>
42 </html>
```

After successfully writing the code and save it in .html and open the file



Here is the user information form

A screenshot of a web browser showing a "User Information Form". The title bar says "User Information Form". The page content includes:

- Name:
- Email:
- Gender:
 - Male
 - Female
 - Other
- Favorite Subject:
- Comments:
- Submit

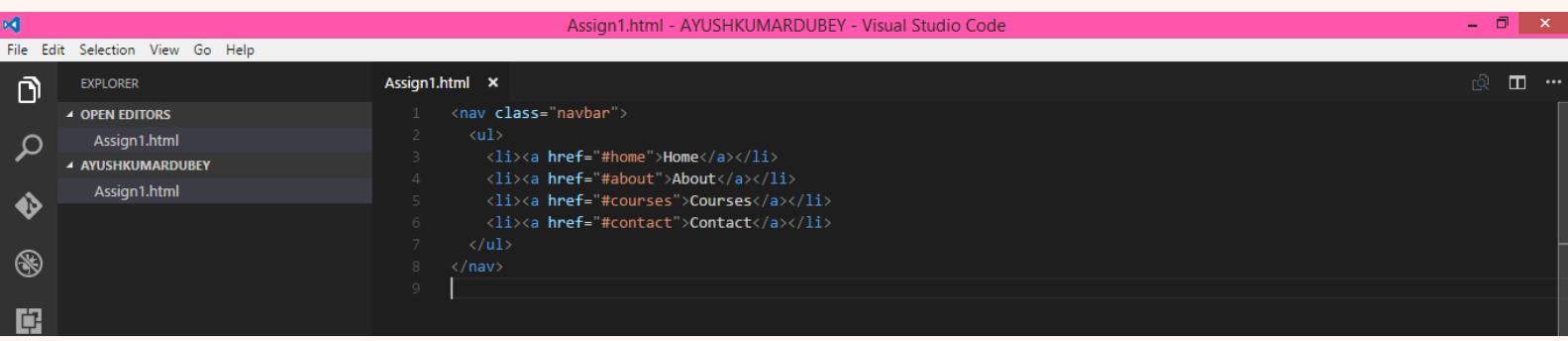
A example of filled from

A screenshot of a web browser showing a "User Information Form" with sample data filled in. The title bar says "User Information Form". The page content includes:

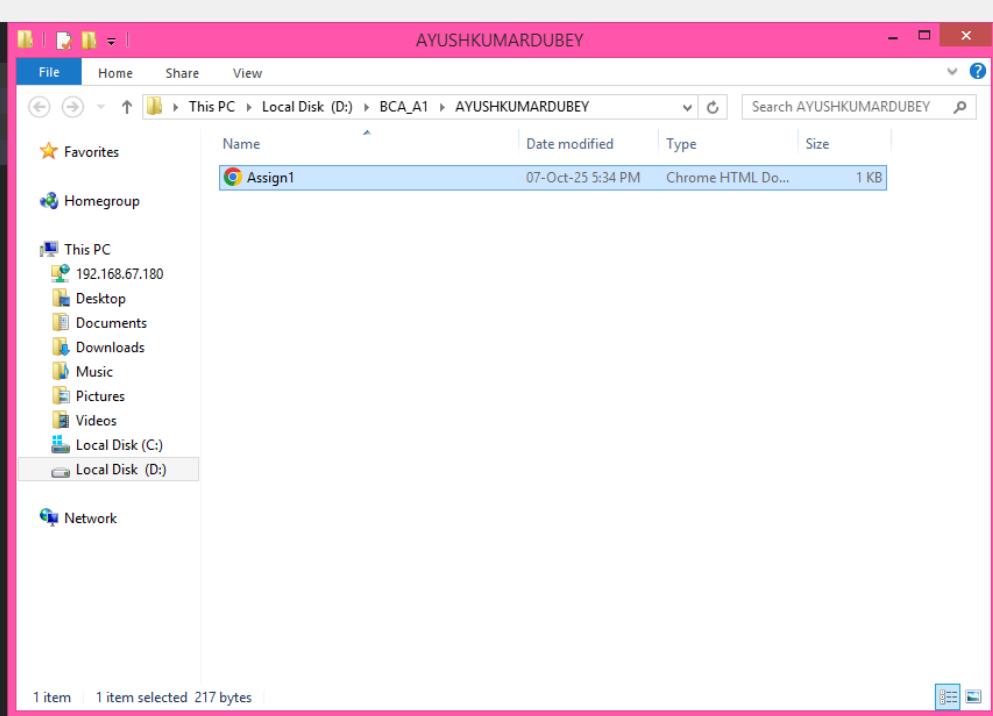
- Name:
- Email:
- Gender:
 - Male
 - Female
 - Other
- Favorite Subject:
- Comments:
- Submit

It contains Name, Email, Gender (radio buttons), Favorite Subject (dropdown), and Comments (textarea). Add a Submit button.

Q.No.1.4 Create a simple navigation bar with links to Home, About, Courses, and Contact using an unordered list ().

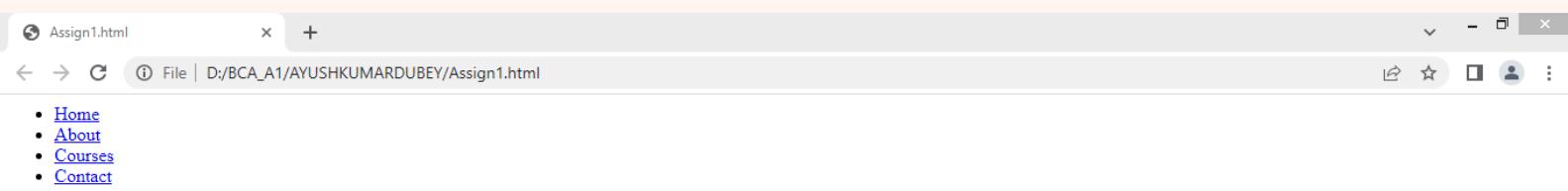


```
Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code
File Edit Selection View Go Help
EXPLORER Assign1.html ×
OPEN EDITORS
Assign1.html
AYUSHKUMARDUBEY
Assign1.html
1 <nav class="navbar">
2   <ul>
3     <li><a href="#home">Home</a></li>
4     <li><a href="#about">About</a></li>
5     <li><a href="#courses">Courses</a></li>
6     <li><a href="#contact">Contact</a></li>
7   </ul>
8 </nav>
9 |
```



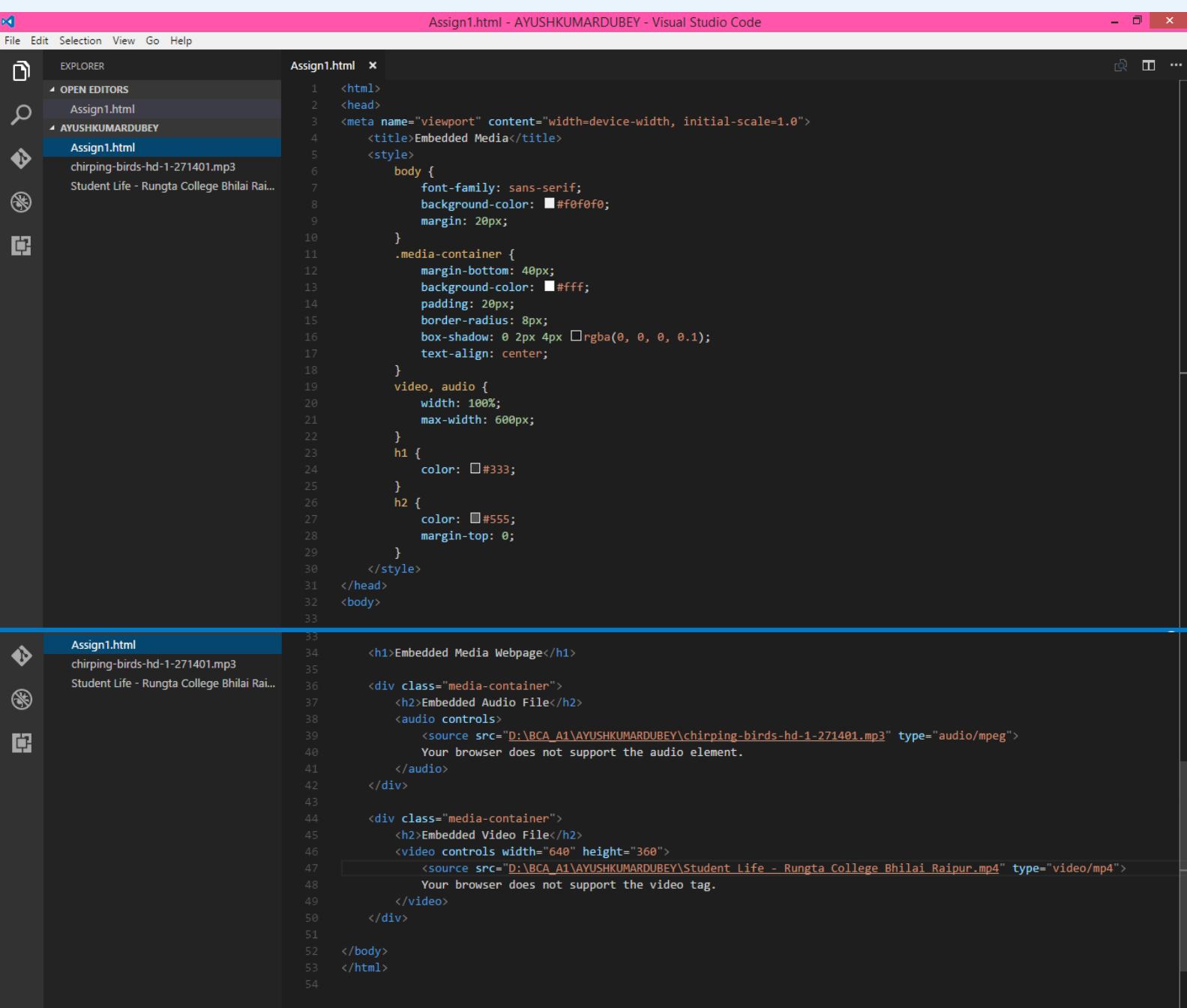
Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code
File Edit Selection View Go Help
EXPLORER AYUSHKUMARDUBEY
OPEN EDITORS
Assign1.html
AYUSHKUMARDUBEY
Assign1.html
AYUSHKUMARDUBEY
This PC
192.168.67.180
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Local Disk (D:)
Network
1 item | 1 item selected 217 bytes

Output



It contains a simple navigation bar with links to Home, About, Courses, and Contact using an unordered list ().

Q.No 1.5 Design a webpage that embeds an audio file (mp3) and a video file (mp4) with controls so that users can play/pause them.



The screenshot shows the Visual Studio Code interface with the following details:

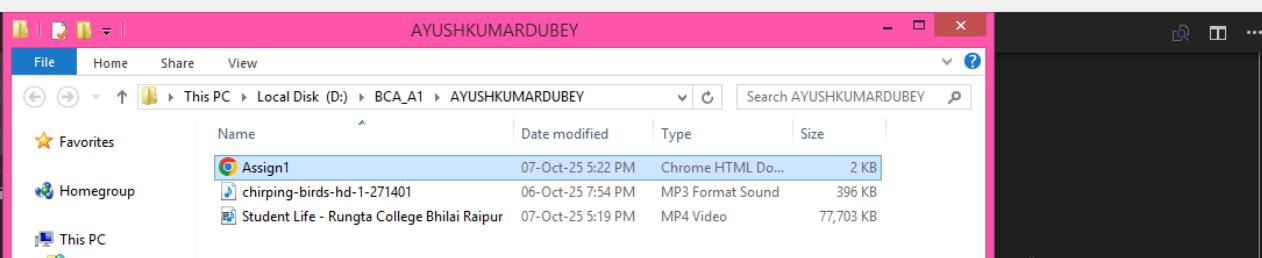
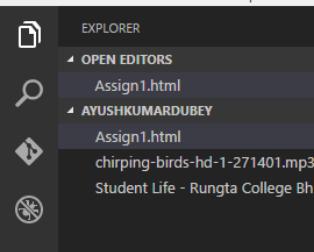
- Title Bar:** Assign1.html - AYUSHKUMARDUBEY - Visual Studio Code
- File Menu:** File Edit Selection View Go Help
- Explorer Bar:** Shows the project structure with files: Assign1.html, chirping-birds-hd-1-271401.mp3, and Student Life - Rungta College Bhilai Rai...
- Code Editor:** The Assign1.html file is open, displaying HTML and CSS code for a media webpage. The CSS defines a media container with padding, border-radius, and a box-shadow. The HTML includes sections for an embedded audio file and an embedded video file, each with controls (e.g., play, pause, volume).

```
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Embedded Media</title>
<style>
    body {
        font-family: sans-serif;
        background-color: #f0f0f0;
        margin: 20px;
    }
    .media-container {
        margin-bottom: 40px;
        background-color: #fff;
        padding: 20px;
        border-radius: 8px;
        box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
        text-align: center;
    }
    video, audio {
        width: 100%;
        max-width: 600px;
    }
    h1 {
        color: #333;
    }
    h2 {
        color: #555;
        margin-top: 0;
    }
</style>
</head>
<body>

<h1>Embedded Media Webpage</h1>
<div class="media-container">
    <h2>Embedded Audio File</h2>
    <audio controls>
        <source src="D:\BCA_A1\AYUSHKUMARDUBEY\chirping-birds-hd-1-271401.mp3" type="audio/mpeg">
        Your browser does not support the audio element.
    </audio>
</div>

<div class="media-container">
    <h2>Embedded Video File</h2>
    <video controls width="640" height="360">
        <source src="D:\BCA_A1\AYUSHKUMARDUBEY\Student Life - Rungta College Bhilai Raipur.mp4" type="video/mp4">
        Your browser does not support the video tag.
    </video>
</div>
</body>
</html>
```

Code for a webpage that embeds an audio file (mp3) and a video file (mp4) with controls so that users can play/pause them.



Example of an audio file in a webpage

Embedded Media

File | D:/BCA_A1/AYUSHKUMARDUBEY/Assign1.html

Embedded Audio File

0:07 / 0:12

Embedded Video File

0:00 / 6:31

Example of an video playback in a webpage

Embedded Media

File | D:/BCA_A1/AYUSHKUMARDUBEY/Assign1.html

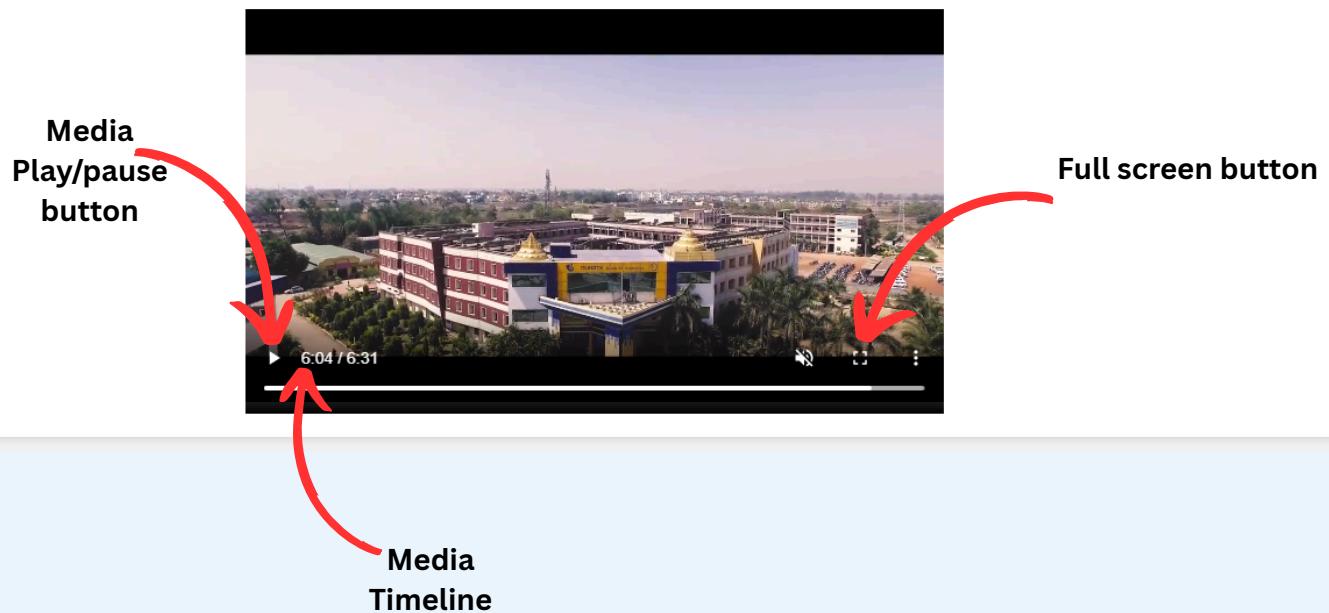
Embedded Audio File

0:12 / 0:12

Embedded Video File

5:59 / 6:31

Embedded Video File



A example of full screen video

