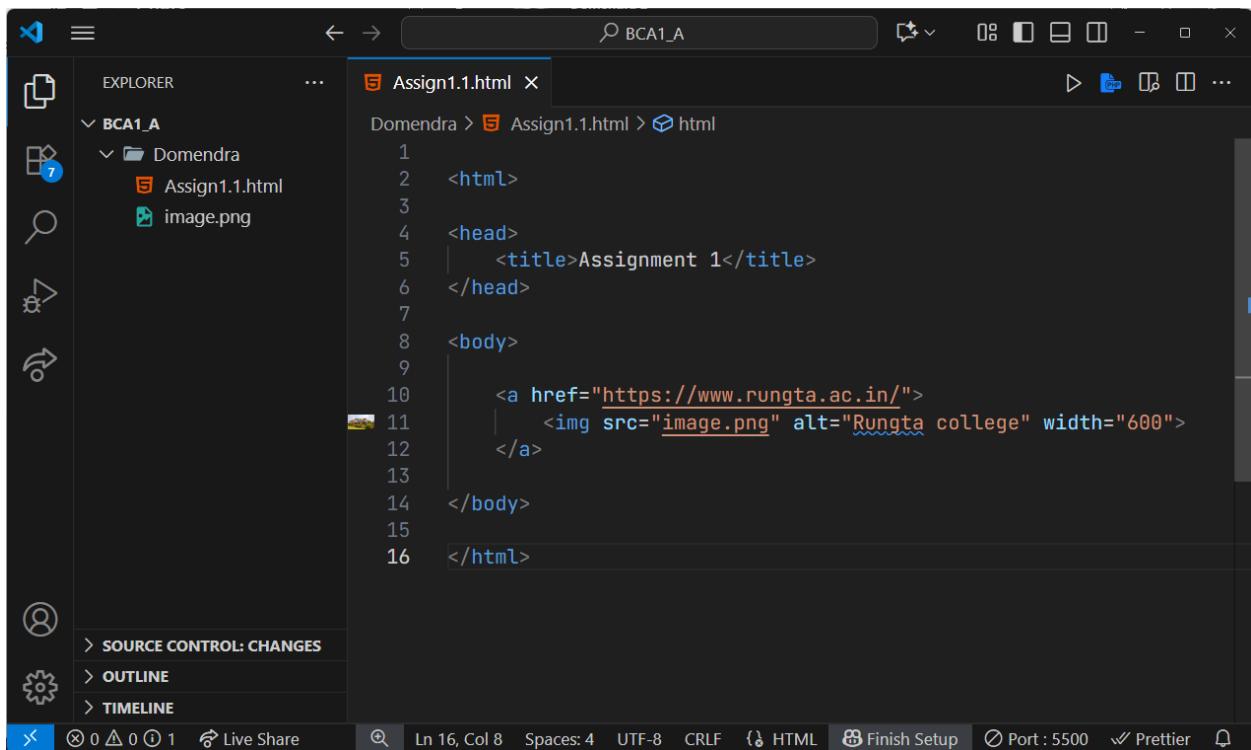


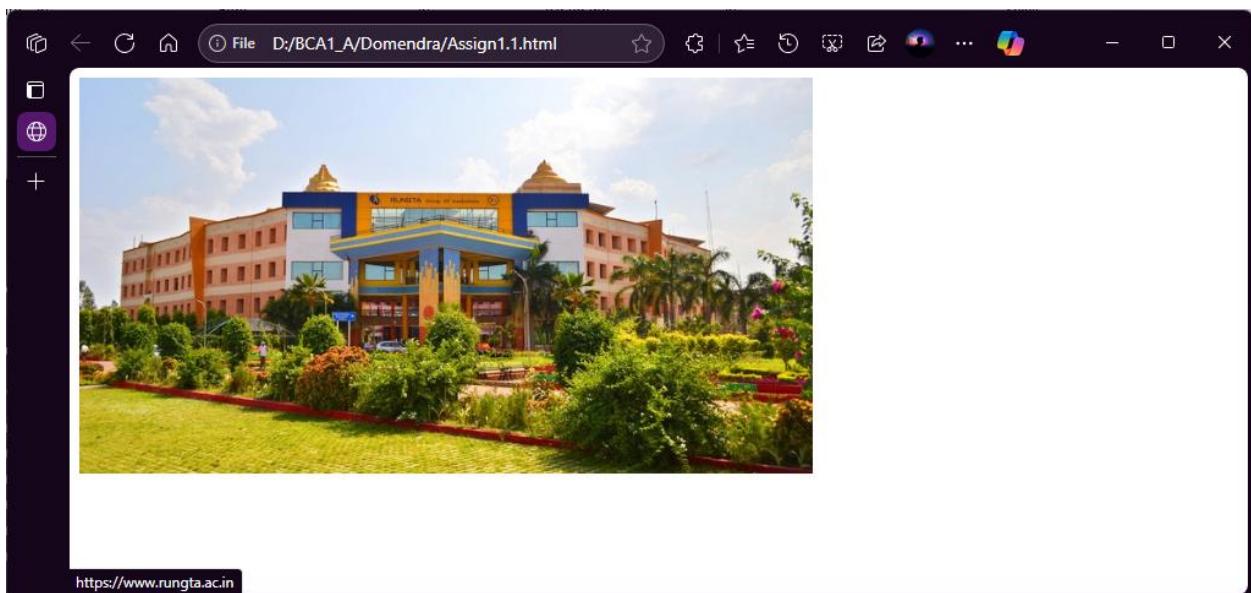
1. Create an HTML page that displays an image of your choice. When a user clicks on the image, it should redirect to your university website.

Code:



```
<html>
<head>
    <title>Assignment 1</title>
</head>
<body>
    <a href="https://www.rungta.ac.in/">
        
    </a>
</body>
</html>
```

Output:

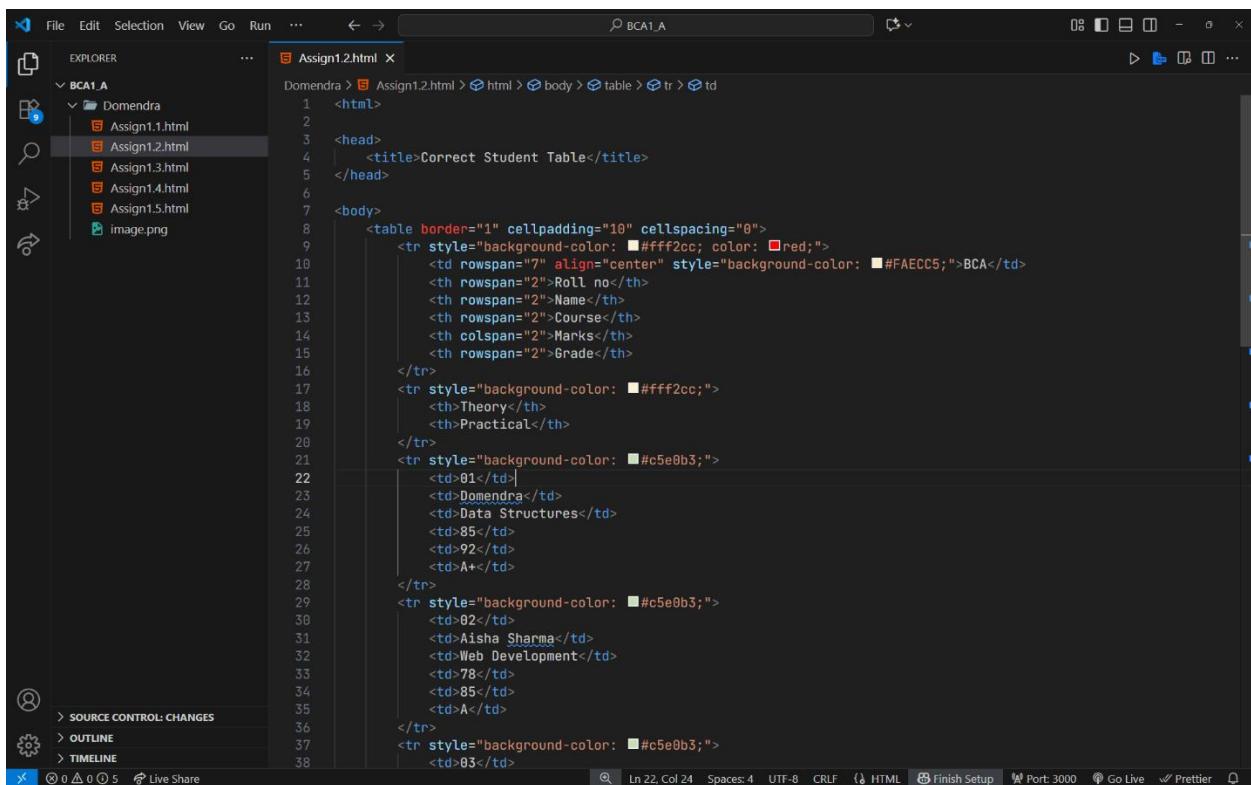


The screenshot shows a web browser window for <https://rungta.ac.in>. The page features a dark header with the university's logo and various navigation links like 'About Us', 'Schools', 'Why Rungta', 'Admissions', 'Happenings', 'Life At Rungta', 'Blogs', and 'Contact us'. A large banner in the center promotes 'INDUSTRY - READY Certifications' and lists '50+ UG & PG Prog.' It also mentions being 'Powered By Tech Giants & Academic Leaders'. Below the banner are two buttons: 'Pay Fees' and 'Admissions 2025-26'. To the right of the banner is a form for admissions. The form includes fields for 'Enter Name *', 'Enter Email Address *', 'Enter Mobile Number *', dropdowns for 'Select State *' and 'Select City *', and input fields for 'Select Course/Class' and 'Select Specialization'. There is also a CAPTCHA field with the code '2956aa' and a checkbox for accepting terms and conditions. A red 'SUBMIT' button is at the bottom of the form.

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.

BCA	Roll no	Name	Course	Marks		Grade
				Theory	Practical	

Code:



```

File Edit Selection View Go Run ...
EXPLORER
BCA1.A
Domendra
Assign1.1.html
Assign1.2.html
Assign1.3.html
Assign1.4.html
Assign1.5.html
image.png
Assign1.2.html ×
Domendra > Assign1.2.html > html > body > table > tr > td
1 <html>
2
3 <head>
4   <title>Correct Student Table</title>
5 </head>
6
7 <body>
8   <table border="1" cellpadding="10" cellspacing="0">
9     <tr style="background-color: #ffff2cc; color: red;">
10    <td rowspan="7" align="center" style="background-color: #FAECC5;">BCA</td>
11    <th rowspan="2">Roll no</th>
12    <th rowspan="2">Name</th>
13    <th rowspan="2">Course</th>
14    <th colspan="2">Marks</th>
15    <th rowspan="2">Grade</th>
16  </tr>
17  <tr style="background-color: #ffff2cc;">
18    <th>Theory</th>
19    <th>Practical</th>
20  </tr>
21  <tr style="background-color: #c5e0b3;">
22    <td>01</td>
23    <td>Domendra</td>
24    <td>Data Structures</td>
25    <td>85</td>
26    <td>92</td>
27    <td>A+</td>
28  </tr>
29  <tr style="background-color: #c5e0b3;">
30    <td>02</td>
31    <td>Aisha Sharma</td>
32    <td>Web Development</td>
33    <td>78</td>
34    <td>85</td>
35    <td>A-</td>
36  </tr>
37  <tr style="background-color: #c5e0b3;">
38    <td>03</td>

```

The code editor shows the HTML structure for the student table. The table has a rowspan="7" cell for the department name 'BCA'. The first two rows of the table have a rowspan="2" for the 'Roll no' and 'Name' columns. The last five rows of the table have a rowspan="2" for the 'Course' column. The 'Marks' section contains two columns: 'Theory' and 'Practical'. The 'Grade' column spans the last two rows of the table. The entire table is styled with different background colors: yellow for the first row, white for the second row, and light green for the remaining five rows. The code editor interface includes a sidebar with file navigation, a status bar at the bottom, and various toolbars and status indicators.

```

File Edit Selection View Go Run ...
EXPLORER
BCA1_A
Domendra
Assign1.1.html
Assign1.2.html
Assign1.3.html
Assign1.4.html
Assign1.5.html
image.png
Assign1.2.html
31 <td>Aisha Sharma</td>
32 <td>Web Development</td>
33 <td>78</td>
34 <td>85</td>
35 <td>A</td>
36 </tr>
37 <tr style="background-color: #c5e0b3;">
38 <td>Vikram Singh</td>
39 <td>Operating Systems</td>
40 <td>65</td>
41 <td>75</td>
42 <td>B</td>
43 </tr>
44 <tr style="background-color: #c5e0b3;">
45 <td>Priya Gupta</td>
46 <td>DBMS</td>
47 <td>90</td>
48 <td>95</td>
49 <td>A+</td>
50 </tr>
51 <tr style="background-color: #c5e0b3;">
52 <td>05</td>
53 <td>Harsh Mehra</td>
54 <td>Computer Networks</td>
55 <td>55</td>
56 <td>65</td>
57 <td>C</td>
58 </tr>
59 </table>
60 </body>
61 </html>

```

SOURCE CONTROL: CHANGES
OUTLINE
TIMELINE

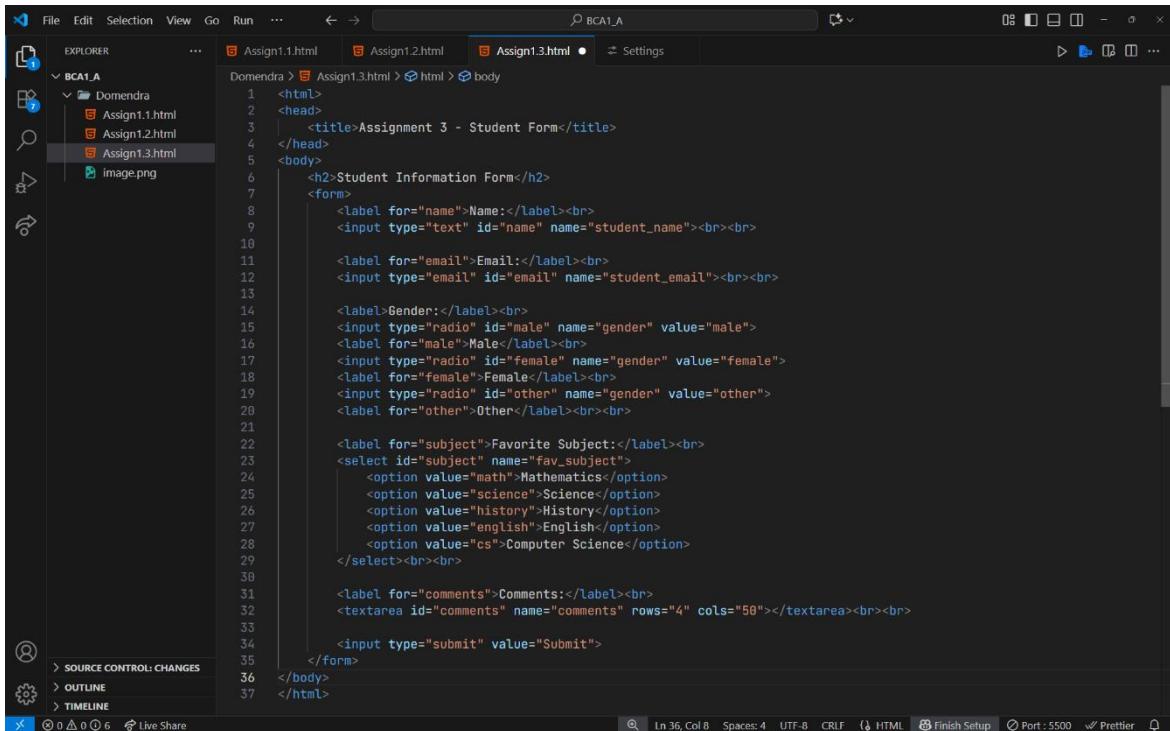
Ln 22, Col 24 Spaces: 4 UTF-8 CRLF HTML Finish Setup Port: 3000 Go Live Prettier

Output:

BCA	Roll no	Name	Course	Marks		Grade
				Theory	Practical	
	01	Domendra	Data Structures	85	92	A+
	02	Aisha Sharma	Web Development	78	85	A
	03	Vikram Singh	Operating Systems	65	75	B
	04	Priya Gupta	DBMS	90	95	A+
	05	Harsh Mehra	Computer Networks	55	65	C

3. Build an HTML form that asks the user: Name, Email, Gender (radio buttons), Favorite Subject (dropdown), and Comments (textarea). Add a Submit button.

Code:



A screenshot of a code editor window titled "BCA1_A". The left sidebar shows a file tree with "Domendra" containing "Assign1.1.html", "Assign1.2.html", "Assign1.3.html", and "image.png". The main editor area displays the following HTML code:

```
<html>
<head>
<title>Assignment 3 - Student Form</title>
</head>
<body>
<h2>Student Information Form</h2>
<form>
<label for="name">Name:</label><br>
<input type="text" id="name" name="student_name"><br><br>

<label for="email">Email:</label><br>
<input type="email" id="email" name="student_email"><br><br>

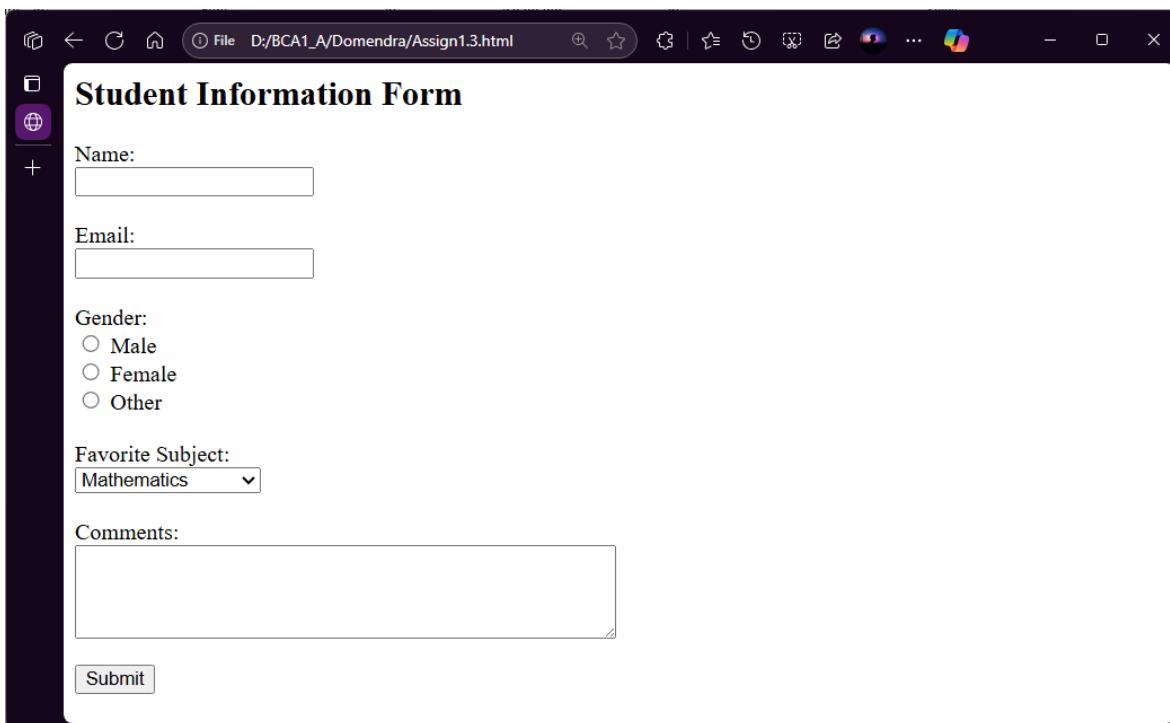
<label for="gender">Gender:</label><br>
<input type="radio" id="male" name="gender" value="male">
<label for="male">Male:</label><br>
<input type="radio" id="female" name="gender" value="female">
<label for="female">Female:</label><br>
<input type="radio" id="other" name="gender" value="other">
<label for="other">Other:</label><br><br>

<label for="subject">Favorite Subject:</label><br>
<select id="subject" name="fav_subject">
<option value="math">Mathematics</option>
<option value="science">Science</option>
<option value="history">History</option>
<option value="english">English</option>
<option value="cs">Computer Science</option>
</select><br><br>

<label for="comments">Comments:</label><br>
<textarea id="comments" name="comments" rows="4" cols="50"></textarea><br><br>

<input type="submit" value="Submit">
</form>
</body>
</html>
```

Output:

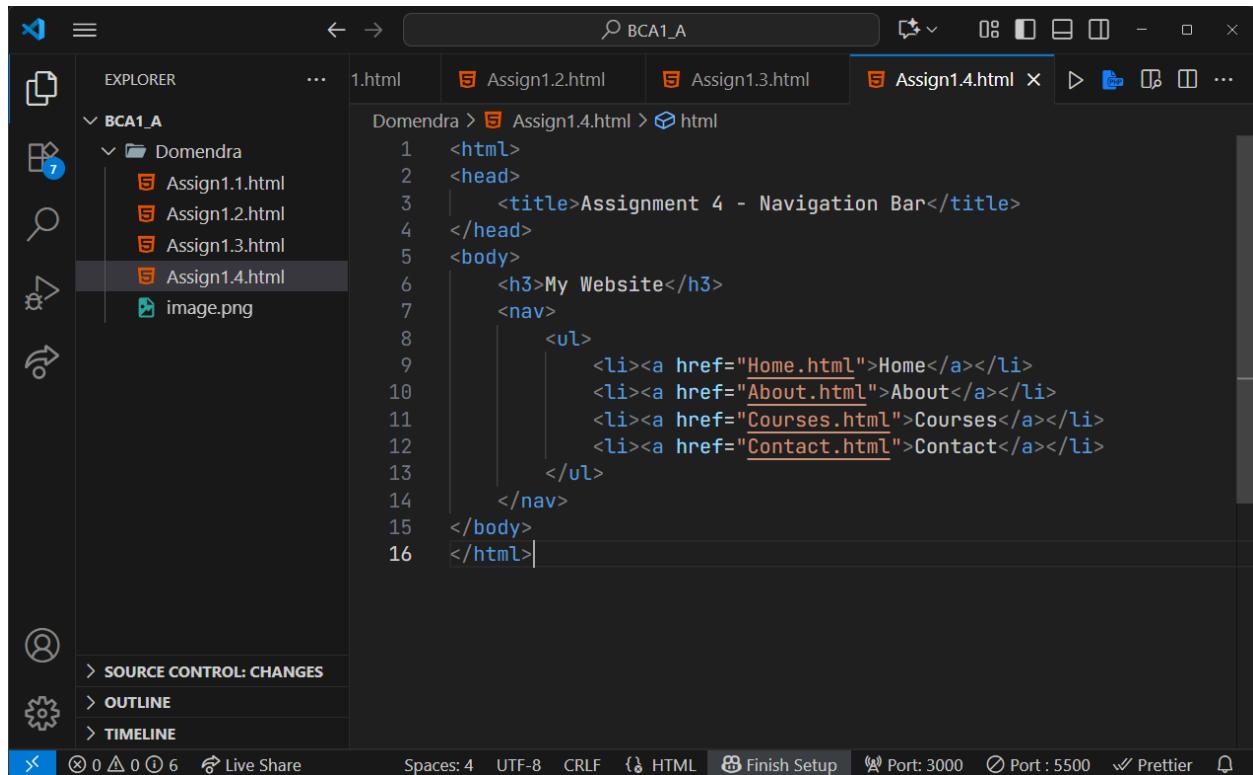


A screenshot of a web browser window displaying the "Student Information Form". The page title is "Student Information Form". The form fields include:

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

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

Code:

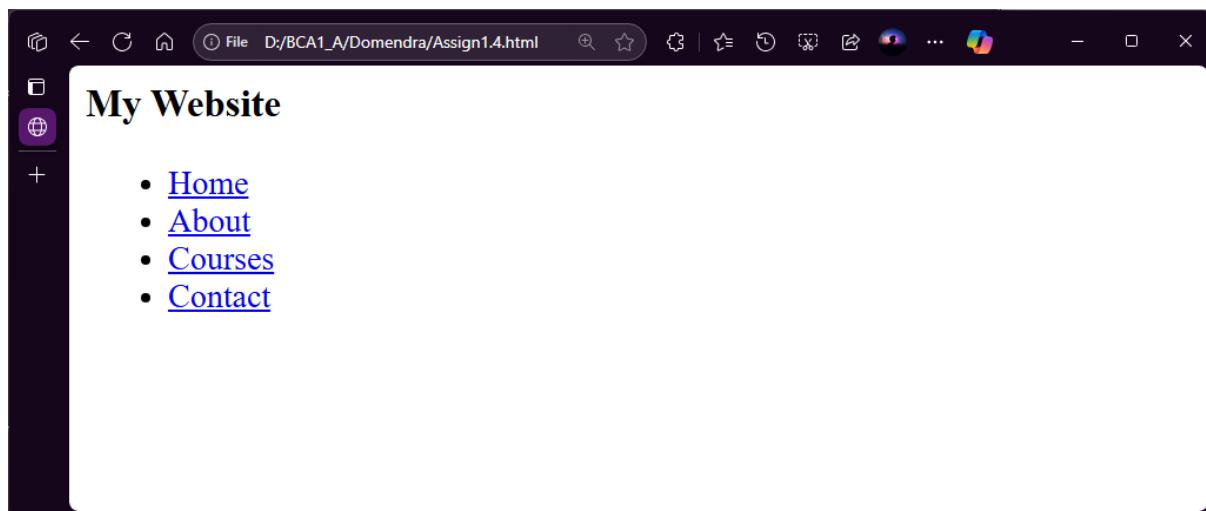


The screenshot shows a code editor interface with the following details:

- EXPLORER** panel on the left showing a project structure: BCA1_A > Domendra > Assign1.4.html > html.
- Assign1.4.html** file is open in the main editor area.
- Code Content:**

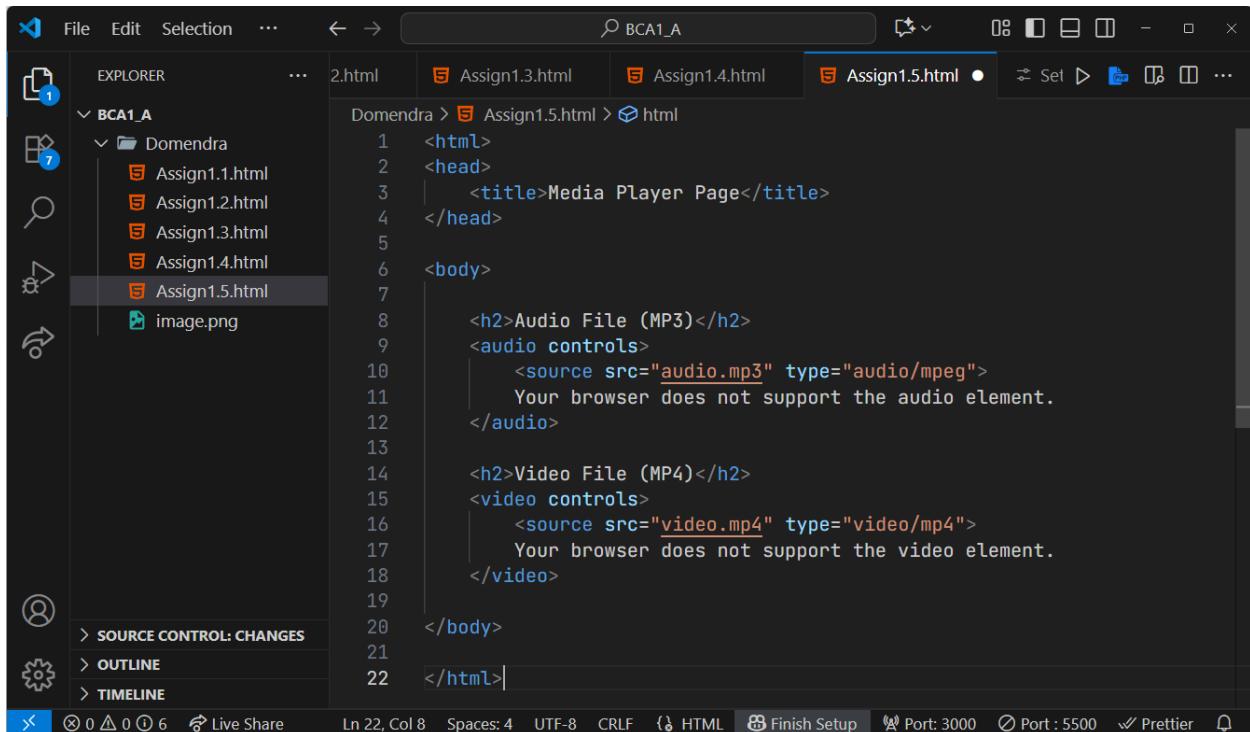
```
<html>
<head>
    <title>Assignment 4 - Navigation Bar</title>
</head>
<body>
    <h3>My Website</h3>
    <nav>
        <ul>
            <li><a href="Home.html">Home</a></li>
            <li><a href="About.html">About</a></li>
            <li><a href="Courses.html">Courses</a></li>
            <li><a href="Contact.html">Contact</a></li>
        </ul>
    </nav>
</body>
</html>
```
- SOURCE CONTROL: CHANGES**, **OUTLINE**, and **TIMELINE** sections are visible in the bottom-left.
- Bottom Status Bar:** Shows Live Share, Spaces: 4, UTF-8, CRLF, HTML, Finish Setup, Port: 3000, Port: 5500, Prettier, and a refresh icon.

Output:



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

Code:



The screenshot shows a code editor interface with the following details:

- File Bar:** File, Edit, Selection, ...
- Search Bar:** BCA1_A
- Explorer:** Shows a folder structure under BCA1_A: Domendra (Assign1.1.html, Assign1.2.html, Assign1.3.html, Assign1.4.html, Assign1.5.html) and image.png.
- Code Area:** The current file is Assign1.5.html. The code is as follows:

```
<html>
<head>
    <title>Media Player Page</title>
</head>

<body>
    <h2>Audio File (MP3)</h2>
    <audio controls>
        <source src="audio.mp3" type="audio/mpeg">
        Your browser does not support the audio element.
    </audio>

    <h2>Video File (MP4)</h2>
    <video controls>
        <source src="video.mp4" type="video/mp4">
        Your browser does not support the video element.
    </video>
</body>
</html>
```

- Status Bar:** Shows Ln 22, Col 8, Spaces: 4, UTF-8, CRLF, HTML, Finish Setup, Port: 3000, Port: 5500, Prettier.

Output:

