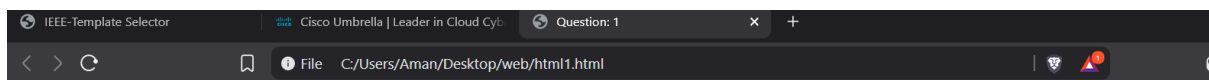**Problem Statement:** A Program to illustrate Order List and Unordered List in a proper way

Objective: Using ordered and unordered list

Code:

```html
<html>
<head>
<title>Question: 1</title>
</head>
<body>
<h1>Unordered List:</h1>
<ul>
        <li>Item 1</li>
        <li>Item 2</li>
        <li>Item 3</li>
</ul>
<h1>Ordered List:</h1>
<ol>
        <li>Item 1</li>
        <li>Item 2</li>
        <li>Item 3</li>
</ol>
</body>
</html>
```

Output:

Unordered List:

- Item 1
- Item 2
- Item 3

Ordered List:

1. Item 1
2. Item 2
3. Item 3

Problem Statement: A Program to illustrate Img tag, and Hyper Link tag in a proper way and make clickable image
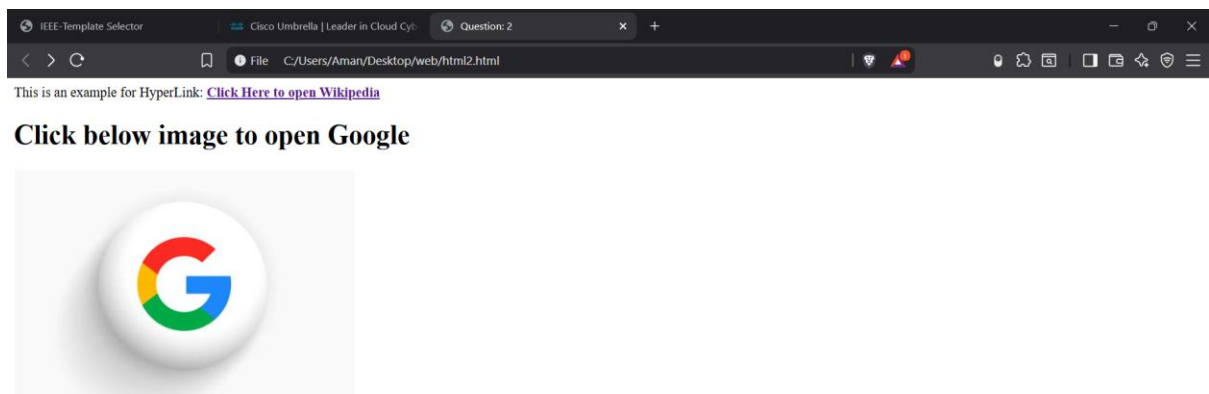
Objective: Use hyperlink tag and in combination with image to make it clickable

Code:

```html
<html>
<head>
<title>Question: 2</title>
</head>
<body>
<p>This is an example for HyperLink: <a href="https://www.wikipedia.org/"> <b>Click Here to open Wikipedia</b></a>
</p>
<h1>Click below image to open Google</h1>
<a href="https://www.google.com/">
<img src="q2.jpg" alt="Sample" width="400">
</a>
</body>
</html>
```

Output:

Problem Statement: A Program to illustrate current semester timetable using table tag

Objective: Use table tag to make a timetable

Code:

```html
<html>
<head>
<title>Question: 3</title>
</head>
<body>
<h1 >TimeTable</h1>
<table border="1">
        <tr>
                <th>TIME=><br>DAYS V</th>
                <th>8:00 AM<br>8:55 AM</th>
                <th>8:55 AM<br>9:50 AM</th>
                <th>10:10 AM<br>11:05 AM</th>
                <th>11:05 AM<br>12:00 PM</th>
                <th>12:00 PM<br>12:55 PM</th>
                <th>1:10 PM<br>2:05 PM</th>
                <th>2:05 PM<br>3:00 PM</th>
                <th>3:10 PM<br>4:05 PM</th>
                <th>4:05 PM<br>5:00 PM</th>
                <th>5:00 PM<br>5:55 PM</th>
        </tr>
        <tr>
                <th>MONDAY</th>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td>TBI 502</td>
                <td>TBI 501</td>
                <td>TBI 501</td>
                <td></td>
                <td></td>
                <td></td>
        </tr>
        <tr>
                <th>TUESDAY</th>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td>TBI 503</td>
                <td>TBI 502</td>
                <td></td>
                <td>TBI 505</td>
                <td colspan="2">.Net Lab</td>
                <td></td>
        </tr>
        <tr>
                <th>WEDNESDAY</th>
                <td></td>
```
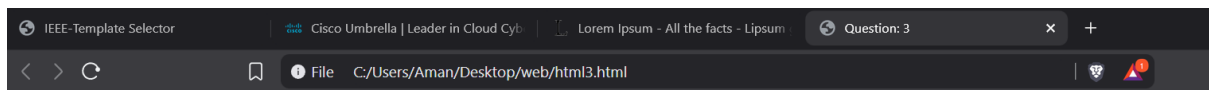
```html
                <td></td>
                <td></td>
                <td></td>
                <td>TBI 503</td>
                <td>SWAYAM</td>
                <td></td>
                <td>TBI 504(4)</td>
                <td>TBI 504(4)</td>
                <td></td>
        </tr>
        <tr>
                <th>THURSDAY</th>
                <td></td>
                <td></td>
                <td></td>
                <td>TBI 502</td>
                <td>TBI 501</td>
                <td>WEB LAB</td>
                <td></td>
                <td></td>
                <td></td>
        </tr>
        <tr>
                <th>FRIDAY</th>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td>TBI 504(4)</td>
                <td></td>
                <td>TBI 503</td>
                <td></td>
                <td></td>
                <td></td>
        </tr>
        <tr>
                <th>SATURDAY</th>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
                <td></td>
        </tr>
</table>
</body>
</html>
```

Output:

TimeTable

TIME=> DAYS V	8:00 AM 8:55 AM	8:55 AM 9:50 AM	10:10 AM 11:05 AM	11:05 AM 12:00 PM	12:00 PM 12:55 PM	1:10 PM 2:05 PM	2:05 PM 3:00 PM	3:10 PM 4:05 PM	4:05 PM 5:00 PM	5:00 PM 5:55 PM
MONDAY					TBI 502	TBI 501	TBI 501			
TUESDAY					TBI 503	TBI 502		TBI 505	.Net Lab	
WEDNESDAY					TBI 503	SWAYAM		TBI 504(4)	TBI 504(4)	
THURSDAY					TBI 502	TBI 501	WEB LAB			
FRIDAY					TBI 504(4)		TBI 503			
SATURDAY										

Problem Statement: A Program to illustrate frameset by dividing the screen according to your requirement and display a complete webpage in a proper format

Objective: Design different section of webpage using frameset

Code:

```html
<html>
<head>
  <title>Resume Layout</title>
  <style>
    body {
      margin: 0;
      font-family: Arial, sans-serif;
    }
    .container {
      display: flex;
      height: 100vh;
    }
    .left {
      width: 30%;
      background: #f0f0f0;
      padding: 20px;
    }
    .left h2 {
      text-align: center;
    }
    .left ul {
      list-style: none;
      padding: 0;
    }
    .left li {
      margin: 15px 0;
      font-size: 18px;
    }
    .right {
      width: 70%;
      padding: 50px;
      background: #ffffff;
    }
    .right h1 {
      font-size: 50px;
      margin-bottom: 20px;
    }
  </style>
</head>
<body>
  <div class="container">
    <!-- Left section -->
    <div class="left">
      <h2>Sections</h2>
      <ul>
        <li>Qualification</li>
        <li>Projects</li>
        <li>Skills</li>
```

```
        <li>Experience</li>
        <li>Contact</li>
      </ul>
    </div>
    <div class="right">
      <h1>Aman Shrivastava</h1>
      <p>Welcome to my resume layout. The right section can contain details about you, your career summary,
and other information.</p>
    </div>
  </div>
</body>
</html>
```
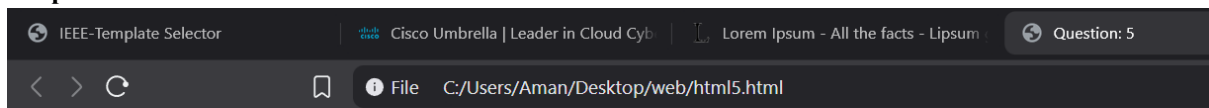
Output:
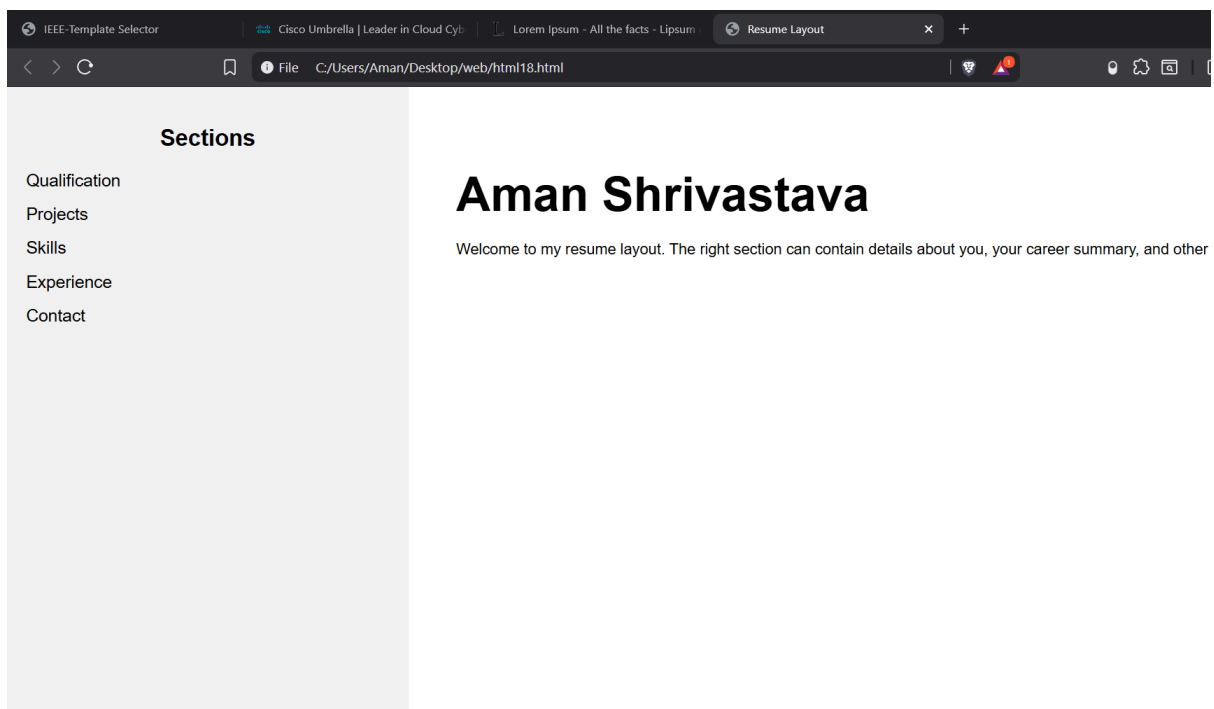
Problem Statement: A Program to illustrate graphic era university enquiry form using form tag and input controls

Objective: Design an enquiry form using form and input tag

Code:

```
<html>
<head>
        <title>Question: 5</title>
</head>
<body>
<form action="html5.html" mehod="post">
        <img src="q5.jpg" alt="logo">
        <h1> Enquiry Form</h1>
        Name: <input type="text" name="name"><br>
        <br>
        Email: <input type="email" name="email"><br>
        <br>
        Message: <textarea name="msg" rows="6" cols="40"></textarea>
        <br><br>
        <input type="checkbox" name="stud">Are you a student?
        <br><br>
        <input type="submit">
        <input type="Reset">
</form>
</body>
</html>
```

Output:

Problem Statement: A Program to design your previous semester mark sheet
Objective: Design a marksheet using HTML
Code:

```html
<html>
<head>
<title>Question:6</title>
</head>
<body>
<h1 style="text-align:center;">Graphic Era</h1>
<br>
<h2 style="text-align:center;">STATEMENT OF MARKS</h2>
<h3 style="text-align:center;">Bachelor of Science - Vth SEMESTER</h4>

<h6 style="display:inline;">Name: Aman</h6>
<h6 style="display:inline; margin-left:250px;">Roll No.: 45241235</h6>

<table border="2" cellspacing="0" cellpadding="5">
 <tr>
   <th rowspan="2">Subject</th>
   <th rowspan="2">Subject<br>CODE</th>
   <th colspan="2">MID SEM MARKS</th>
   <th colspan="2">SESSIONAL MARKS</th>
   <th colspan="2">END SEM MARKS</th>
   <th colspan="2">PRACTICAL MARKS</th>
   <th colspan="2">TOTAL MARKS OBTAINED</th>
   <th rowspan="2">GRADE</th>
   <th rowspan="2">GRADE POINT</th>
 </tr>
 <tr>
   <th>Max</th><th>Obt.</th>
   <th>Max</th><th>Obt.</th>
   <th>Max</th><th>Obt.</th>
   <th>Max</th><th>Obt.</th>
   <th>Max</th><th>Obt.</th>
 </tr>
<tr>
        <td>DSA</td>
        <td>101</td>
        <td>25</td>
        <td>19</td>
        <td>25</td>
        <td>21</td>
        <td>50</td>
        <td>45</td>
        <td>-</td>
        <td>-</td>
        <td>100</td>
        <td>85</td>
        <td>A</td>
        <td>9</td>
</tr>
<tr>
```

```html
				<td>JAVA</td>
				<td>102</td>
				<td>25</td>
				<td>21</td>
				<td>25</td>
				<td>15</td>
				<td>50</td>
				<td>49</td>
				<td>-</td>
				<td>-</td>
				<td>100</td>
				<td>85</td>
				<td>A</td>
				<td>9</td>
		</tr>
		<tr>
				<td>ENV. SCI.</td>
				<td>103</td>
				<td>25</td>
				<td>25</td>
				<td>25</td>
				<td>25</td>
				<td>50</td>
				<td>45</td>
				<td>-</td>
				<td>-</td>
				<td>100</td>
				<td>95</td>
				<td>A+</td>
				<td>10</td>
		</tr>
		<tr>
				<td>English</td>
				<td>104</td>
				<td>25</td>
				<td>19</td>
				<td>25</td>
				<td>21</td>
				<td>50</td>
				<td>45</td>
				<td>-</td>
				<td>-</td>
				<td>100</td>
				<td>85</td>
				<td>A</td>
				<td>9</td>
		</tr>
		<tr>
				<td>Software Engg.</td>
				<td>105</td>
				<td>25</td>
				<td>19</td>
```

```html
            <td>25</td>
            <td>22</td>
            <td>50</td>
            <td>50</td>
            <td>-</td>
            <td>-</td>
            <td>100</td>
            <td>91</td>
            <td>A+</td>
            <td>10</td>
</tr>
<tr>
            <th colspan="15">PRACTICAL EXAMINATION</th>
</tr>
<tr>
            <td>DSA Lab</td>
            <td>201</td>
            <td>25</td>
            <td>19</td>
            <td>25</td>
            <td>21</td>
            <td>50</td>
            <td>45</td>
            <td>-</td>
            <td>-</td>
            <td>100</td>
            <td>85</td>
            <td>A</td>
            <td>9</td>
</tr>
<tr>
            <td>JAVA Lab</td>
            <td>101</td>
            <td>25</td>
            <td>19</td>
            <td>25</td>
            <td>21</td>
            <td>50</td>
            <td>45</td>
            <td>-</td>
            <td>-</td>
            <td>100</td>
            <td>85</td>
            <td>A</td>
            <td>9</td>
</tr>

</table>
<h5> Result: Pass</h5>
<h5> SGPA: 4.20</h5>
</body>
</html>
```

Output:

Graphic Era

STATEMENT OF MARKS

Bachelor of Science - Vth SEMESTER

Name: Aman   Roll No.: 45241235

Subject	Subject CODE	MID SEM MARKS		SESSIONAL MARKS		END SEM MARKS		PRACTICAL MARKS		TOTAL MARKS OBTAINED		GRADE	GRADE POINT
		Max	Obt.	Max	Obt.	Max	Obt.	Max	Obt.	Max	Obt.		
DSA	101	25	19	25	21	50	45	-	-	100	85	A	9
JAVA	102	25	21	25	15	50	49	-	-	100	85	A	9
ENV. SCI.	103	25	25	25	25	50	45	-	-	100	95	A+	10
English	104	25	19	25	21	50	45	-	-	100	85	A	9
Software Engg.	105	25	19	25	22	50	50	-	-	100	91	A+	10
PRACTICAL EXAMINATION													
DSA Lab	201	25	19	25	21	50	45	-	-	100	85	A	9
JAVA Lab	101	25	19	25	21	50	45	-	-	100	85	A	9

Result: Pass

SGPA: 4.20

Problem Statement: A Program to implement pseudo elements in HTML

Objective: Implementing pseudo elements

Code:

```html
<html>
<head>
<title>Question:7</title>
</head>
<body>
<p align="CENTER"> HELLO WORLD! NICE TO MEET YOU</p>
<style>
p::before{
        content: "@@";
        color: blue;
}
p::after{
        content: "$$";
        color: red;
}
</body>
</html>
```

Output:

Problem Statement: A Program to implement following CSS properties in HTML

        a) **CSS Background**
        b) **CSS Padding**
        c) **Word wrap**
        d) **White Space**

Objective: Implement listed CSS properties

Code:

HTML-

```
<html>
<head>
<title>Question: 8</title>
<link rel="Stylesheet" href="css8.css">
</head>
<body>
<p class="dem"> This is a demonstration for CSS BACKGROUND, PADDING, WORD WRAP, WHITE-SPACE</p>
</body>
</html>
```

CSS-

```
.dem{
        background: lightblue;
        padding: 25px;
        word-wrap: break-word;
        white-space: normal;
}
```

Output:
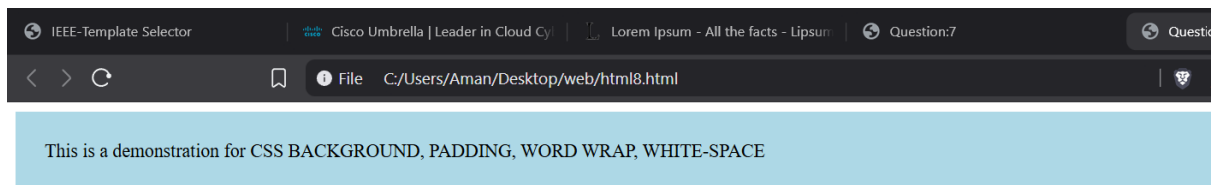
Problem Statement: A Program to implement display property using external css.
Objective: Implement display CSS properties
Code:
HTML-

```
<html>
<head>
  <link rel="stylesheet" href="style.css">
  <title>Question:9</title>
</head>
<body>
  <h1 class="block">Block Element</h1>
  <span class="inline">Inline Element 1</span>
  <span class="inline">Inline Element 2</span>
  <div class="inline-block">Inline-Block Element</div>
</body>
</html>
```

CSS-

```
.block {
  display: block;
  background: lightcoral;
}
.inline {
  display: inline;
  background: lightgreen;
  padding: 5px;
}
.inline-block {
  display: inline-block;
  background: lightblue;
  padding: 10px;
}
```

Output:

Problem Statement: A Program to implement float and visibility property using internal css

Objective: Implement float and visibility CSS properties

Code:

```html
<html>
<head>
  <style>
    .left {
      float: left;
      width: 100px;
      height: 100px;
      background: lightblue;
    }
    .right {
      float: right;
      width: 100px;
      height: 100px;
      background: lightgreen;
    }
    .hidden {
      visibility: hidden;    }
  </style>
</head>
<body>
  <div class="left">Left Box</div>
  <div class="right">Right Box</div>
  <p class="hidden">This text is hidden but space remains.</p>
  <p>Visible text after hidden.</p>
</body>
</html>
```

Output:
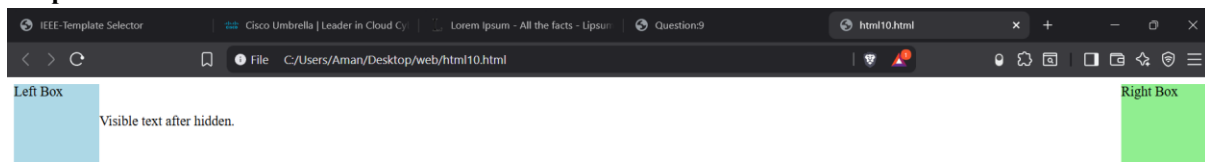
Problem Statement: A Program to design 8 paragraphs with different border style.
Objective: Demonstrate different border types
Code:

```html
<html>
<head>
  <style>
    p { margin: 10px; padding: 10px; }
    .solid { border: 4px solid black; }
    .dashed { border: 4px dashed black; }
    .dotted { border: 4px dotted black; }
    .double { border: 4px double black; }
    .groove { border: 4px groove black; }
    .ridge { border: 4px ridge black; }
    .inset { border: 4px inset black; }
    .outset { border: 4px outset black; }
  </style>
<title>Question: 12</title>
</head>
<body>
  <p class="solid">Solid Border</p>
  <p class="dashed">Dashed Border</p>
  <p class="dotted">Dotted Border</p>
  <p class="double">Double Border</p>
  <p class="groove">Groove Border</p>
  <p class="ridge">Ridge Border</p>
  <p class="inset">Inset Border</p>
  <p class="outset">Outset Border</p>
</body>
</html>
```

Output:

Problem Statement: Implement <img> tag with attributes.

Objective: Use <img> with its attributes

Code:

<html>

<head>

</head>

<body>

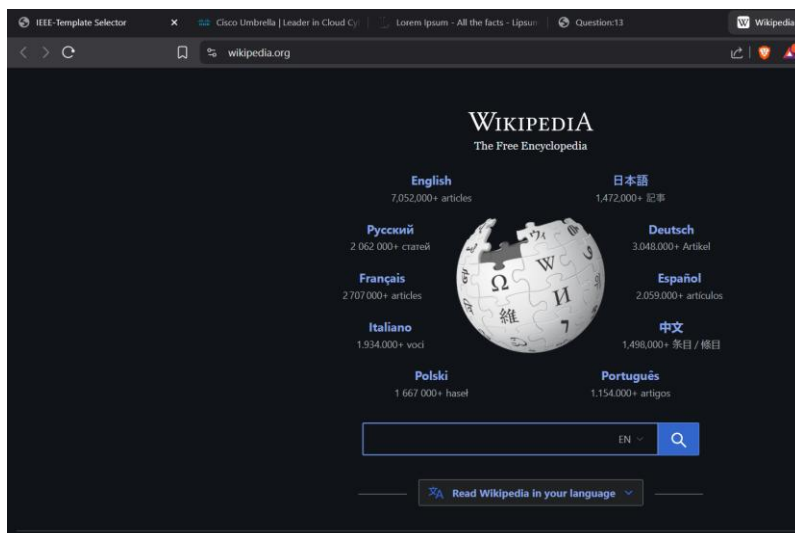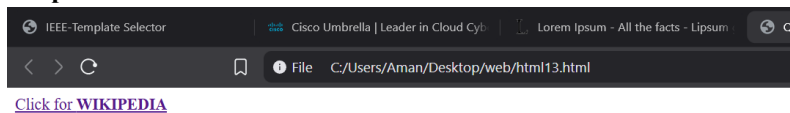<img src="q12.jpg" alt="BEST" width="250" height="350" title="Spongebob" >

</body>

</html>

Output:
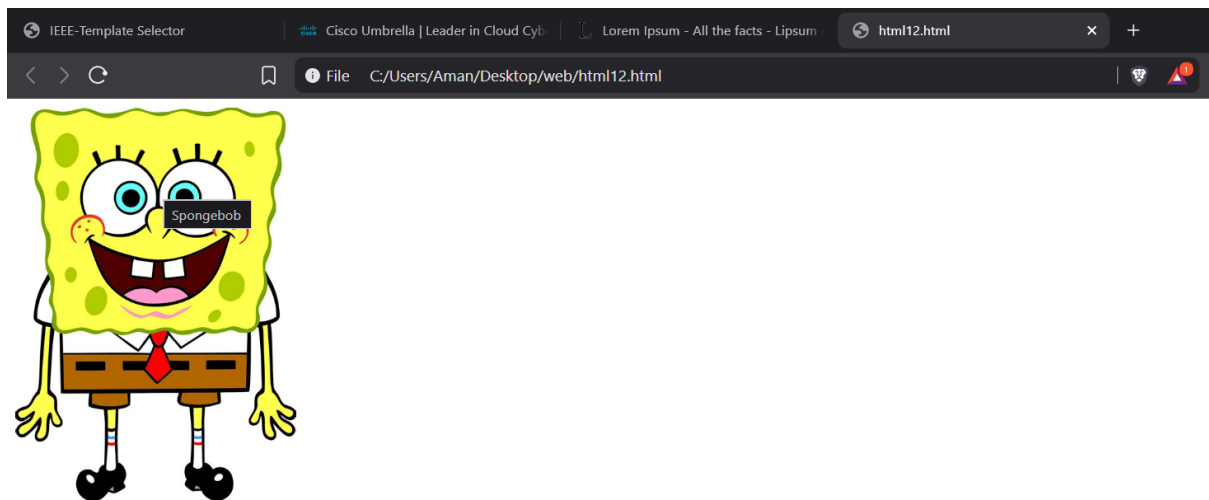
Problem Statement: Create a webpage that contains:

An external link that redirects to https://www.wikipedia.org in a new tab

Objective: Implement external link to Wikipedia and open in new tab

Code:

```
<html>
<head>
<title>Question:13</title>
</head>
<body>
<p>
<a href="https://www.wikipedia.org/" target="_blank">Click for <b>WIKIPEDIA</b>
</a>
</p>
</body>
</html>
```
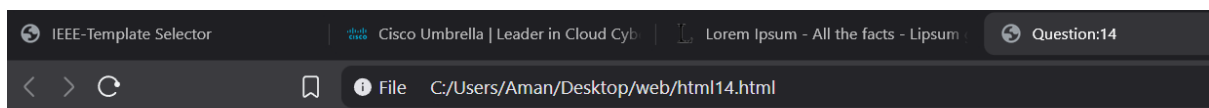
Output:

Problem Statement: Design a "Contact Us" section with:

- **A clickable email link that opens the user's default mail client with the email pre-filled as support@example.com.**
- **A clickable phone number that allows users to call +91-9876543210 directly from mobile**

Objective: Design a webpage containing contact us section

Code:

```
<html>
<head>
<title>Question:14</title>
</head>
<body>
<h1>CONTACT US</h1>
<br>
<a href="mailto:abc123@mail.com">Send Email</a>
<br><br>
<a href="tel:+911234567891">Call Us</a>
</body>
</html>
```

Output:

Problem Statement: Create a link that allows the user to download a file (.pdf) when clicked.

Objective: Implement system to download a pdf file

Code:

```
<html>
<head>
<title>Question:15</title>
</head>
<body>
<a href="q15.pdf" download>Download </a>
</body>
</html>
```

Output:

Problem Statement: Design a webpage with 3 sections (using <p> tags: About, Services, and Contact. At the top, provide bookmark links that jump to each section when clicked
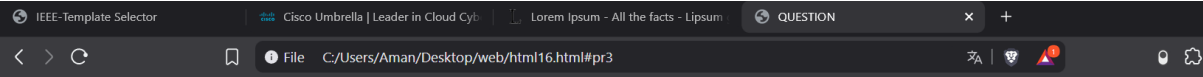
Objective:

Code:

```
<html>
<head>
<title>QUESTION</title>
</head>
<body>
<a href="#pr1">About</a>
<a href="#pr2">Servies</a>
<a href="#pr3">Contact</a>
<p id="pr1"><h1>About</h1>Curabitur vitae mi tortor. Fusce pharetra sagittis nisl, ut vestibulum tortor porttitor non. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Nulla leo est, sollicitudin id sapien quis, semper ornare turpis. Praesent eget congue nulla. Sed hendrerit nisi convallis nisi finibus, eu lobortis tellus molestie. Aliquam consequat pulvinar urna sit amet tempor. Quisque quis ante congue, blandit quam quis, iaculis diam. .</p>
<p id="pr2"><h1>Servies</h1>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis ut congue est. Pellentesque convallis fermentum massa in luctus. Integer ullamcorper leo nulla, vitae cursus tortor luctus vitae. Maecenas tellus augue, sagittis quis convallis at, congue et enim. Nullam venenatis quam et nunc feugiat pellentesque. Proin dapibus enim ac neque dignissim tempus. Vivamus sed augue in sapien vestibulum pharetra et non mi.Donec aliquet mi nec molestie tempor. Sed ultricies gravida volutpat. Interdum et malesuada fames ac ante ipsum primis in faucibus. Etiam mollis augue arcu, a dictum mauris convallis vel. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos.</p>
<p id="pr3"><h1>Contact</h1>Curabitur vitae mi tortor. Fusce pharetra sagittis nisl, ut vestibulum tortor porttitor non. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Nulla leo est, sollicitudin id sapien quis, semper ornare turpis. Praesent eget congue nulla. Sed hendrerit nisi convallis nisi finibus, eu lobortis tellus molestie. Aliquam consequat pulvinar urna sit amet tempor. Quisque quis ante congue, blandit quam quis, iaculis diam. </p>
</body>
</html>
```

Output:

About Servies Contact

About

Curabitur vitae mi tortor. Fusce pharetra sagittis nisl, ut vestibulum tortor porttitor non. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Nulla leo quis, semper ornare turpis. Praesent eget congue nulla. Sed hendrerit nisi convallis nisi finibus, eu lobortis tellus molestie. Aliquam consequat pulvinar urna sit amet tempor. Quisque quis quis, iaculis diam. .

Servies

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Problem Statement: Create a single HTML page that includes the following:

- **External link to a news website.**
- **Email and phone contact links.**
- **Downloadable resume (resume.docx).**
- **Bookmark links to jump to "Home", "About", and "Contact" sections.**

Objective: Make a html webpage with listed features

Code:

```html
<html>
<head>
<title>QUESTION</title>
</head>
<body>
<a href="https://news.google.com/home" id="hm"><h2>News</h2></a>
<a href="mailto:support@example.com"><h2>Send Email</h2></a>
<a href="tel:+911234567891"><h2>Call Us</h2></a>
<a href="resume.docx"><h2>Call Us</h2></a>
<a href="#hm"><h2>Home</h2></a>
<a href="#pr1"><h2>About</h2></a>
<a href="#pr3" target="_blank"><h2>Contact</h2></a>
<p id="pr1"><h1>About</h1>Curabitur vitae mi tortor. Fusce pharetra sagittis nisl, ut vestibulum tortor porttitor non. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Nulla leo est, sollicitudin id sapien quis, semper ornare turpis. Praesent eget congue nulla. Sed hendrerit nisi convallis nisi finibus, eu lobortis tellus molestie. Aliquam consequat pulvinar urna sit amet tempor. Quisque quis ante congue, blandit quam quis, iaculis diam. .</p>
<p id="pr3"><h1>Contact</h1>Curabitur vitae mi tortor. Fusce pharetra sagittis nisl, ut vestibulum tortor porttitor non. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Nulla leo est, sollicitudin id sapien quis, semper ornare turpis. Praesent eget congue nulla. Sed hendrerit nisi convallis nisi finibus, eu lobortis tellus molestie. Aliquam consequat pulvinar urna sit amet tempor. Quisque quis ante congue, blandit quam quis, iaculis diam. </p>
</body>
</html>
```

Output: