

## 1. Create a simple HTML webpage

```
<> assign 1.html X
<> assign 1.html > html > body
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Lovegood Renaissance</title>
5  </head>
6  <body>
7
8  |   <h1>About me:</h1>
9
10 |   <p>Hello, I am Vedant Pakhade and I want to be a good robotics engineer.</p>
11 |   <p>Ever since a young age I was fasinated with robots. My goal is to build one on my own.</p>
12
13 |   <h2>My Favourite Hobbies</h2>
14 |   <ol>
15 |   |   <li>Music</li>
16 |   |   <li>Coding</li>
17 |   |   <li>Movies and Tv shows</li>
18 |   </ol>
19
20 |   <h2>My Favourite Movies</h2>
21 |   <ul>
22 |   |   <li>Chungking Express</li>
23 |   |   <li>Big Hero 6</li>
24 |   |   <li>The Northman</li>
25 |   </ul>
26
27 </body>
28 </html>
29
```

# About me:

Hello, I am Vedant Pakhade and I want to be a good robotics engineer.

Ever since a young age I was fasinated with robots. My goal is to build one on my own.

## My Favourite Hobbies

1. Music
2. Coding
3. Movies and Tv shows

## My Favourite Movies

- Chungking Express
- Big Hero 6
- The Northman

## 2. Design a 3-page website (Home, About, Contact)

```
<> home.html X
ip 2 > <> home.html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>HOME</title>
5  </head>
6  <body>
7  |
8  |   <nav>
9  |   |   <a href="home.html">Home</a> |
10 |   |   <a href="about.html">About</a> |
11 |   |   <a href="contact.html">Contact</a>
12 |   </nav>
13 |
14 |   <h1>Welcome to the Sacred Sanctuary</h1>
15 |   <p>What does freedom really mean?</p>
16 |
17 </body>
18 </html>
19
```

[Home](#) | [About](#) | [Contact](#)

# Welcome to the Sacred Sanctuary

What does freedom really mean?

```
ip 2 > <> about.html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>ABOUT</title>
5  </head>
6  <body>
7  |
8  |   <nav>
9  |   |   <a href="home.html">Home</a> |
10 |   |   <a href="about.html">About</a> |
11 |   |   <a href="contact.html">Contact</a>
12 |   </nav>
13 |
14 |   <h1>About me</h1>
15 |   <p>I am Vedant Pakhade, Fy bca student passionate
16 |   |   about building robots and Coding.</p>
17 |
18 </body>
19 </html>
20
```

[Home](#) | [About](#) | [Contact](#)

## About me

I am Vedant Pakhade, Fy bca student passionate about building robots and Coding.

```
<> contact.html X
ip 2 > <> contact.html > html > body > ul > li > a
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>CONTACT</title>
5  </head>
6  <body>
7
8  <nav>
9  |   <a href="home.html">Home</a> |
10 |   <a href="about.html">About</a> |
11 |   <a href="contact.html">Contact</a>
12 </nav>
13
14 <h1>Contact me</h1>
15 <p>You can reach me through these links:</p>
16
17 <h2>Find Me Online</h2>
18 <ul>
19 |   <li>
20 |       <a href="https://www.linkedin.com/in/vedant-pakhade-175a88363/"
21 |       target="_blank">LinkedIn Profile</a>
22 |   </li>
23 |   <li>
24 |       <a href="https://github.com/Vedlovegood"
25 |       target="_blank">GitHub Profile</a>
26 |   </li>
27 </ul>
28
29
30 </body>
31 </html>
```

[Home](#) | [About](#) | [Contact](#)

# Contact me

You can reach me through these links:

## Find Me Online

- [LinkedIn Profile](#)
- [GitHub Profile](#)

### 3. Create a “College Website” with pages

```
ip 3 > <> home.html > ...
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Hogwarts College - Home</title>
5  </head>
6  <body>
7  |
8  |
9  |   <nav>
10 |     <a href="home.html">Home</a> |
11 |     <a href="courses.html">Courses</a> |
12 |     <a href="gallery.html">Gallery</a>
13 |   </nav>
14 |
15 |   <h1>Welcome to Hogwarts College of Witchcraft and Wizardary</h1>
16 |   <p>Welcome to Hogwarts College of Witchcraft and Wizardary.</p>
17 |   <p>Students here will turn from a muggle to the greatest wizards of all time.</p>
18 |
19 </body>
20 </html>
21
```

[Home](#) | [Courses](#) | [Gallery](#)

## Welcome to Hogwarts College of Witchcraft and Wizardary

Welcome to Hogwarts College of Witchcraft and Wizardary.

Students here will turn from a muggle to the greatest wizards of all time.

```
ip 3 > courses.html > html > body > ul > li
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Hogwarts College - Courses</title>
5  </head>
6  <body>
7  |
8  |   <nav>
9  |   |   <a href="home.html">Home</a> |
10 |   |   <a href="courses.html">Courses</a> |
11 |   |   <a href="gallery.html">Gallery</a>
12 |   </nav>
13 |
14 |   <h1>Our Courses</h1>
15 |   <p>Here are some popular courses offered at our college:</p>
16 |
17 |   <ul>
18 |   |   <li>Defense Against the dark arts</li>
19 |   |   <li>Potions</li>
20 |   |   <li>Astronomy</li>
21 |   |   <li>History of Magic</li>
22 |   |   <li>Charms</li>
23 |   |   <li>Herbology</li>
24 |   |   <li>Transfiguration</li>
25 |   </ul>
26 |
27 </body>
28 </html>
29
```

[Home](#) | [Courses](#) | [Gallery](#)

## Our Courses

Here are some popular courses offered at our college:

- Defense Against the dark arts
- Potions
- Astronomy
- History of Magic
- Charms
- Herbology
- Transfiguration

```
ip 3 > <> gallery.html > html > body > ul > li
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Hogwarts College - Gallery</title>
5  </head>
6  <body>
7
8  |   <nav>
9  |   |   <a href="home.html">Home</a> |
10 |   |   <a href="courses.html">Courses</a> |
11 |   |   <a href="gallery.html">Gallery</a>
12 |   </nav>
13
14 |   <h1>Gallery</h1>
15 |   <p>Here are some glimpses of our campus:</p>
16
17 |   <ul>
18 |   |   <li>College Building <br>
19 |   |   |   
20 |   |   </li>
21 |   |   <li>Library <br>
22 |   |   |   
23 |   |   </li>
24 |   |   <li>Potions Lab<br>
25 |   |   |   
26 |   |   </li>
27 |   </ul>
28
29 </body>
30 </html>
31
```

## Gallery

Here are some glimpses of our campus:

- College Building



- Library



- Potions Lab



#### 4. Create a timetable using HTML tables

ip 4 > assign3.html > html > body > table > tbody > tr > td

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>College Timetable</title>
5      <link rel="stylesheet" href="style.css">
6  </head>
7  <body>
8
9      <h2 class="title">Weekly Timetable</h2>
10
11     <table>
12         <thead>
13             <tr>
14                 <th>Day</th>
15                 <th>9:00 - 10:00</th>
16                 <th>10:00 - 11:00</th>
17                 <th>11:00 - 12:00</th>
18                 <th>1:00 - 2:00</th>
19                 <th>2:00 - 3:00</th>
20             </tr>
21         </thead>
22         <tbody>
23             <tr>
24                 <td>Monday</td>
25                 <td>C++</td>
26                 <td>Physics</td>
27                 <td>Dbms</td>
28                 <td>English</td>
29                 <td>Maths</td>
30             </tr>
31             <tr>
```

assign3.html X # style.css

```
ip 4 > assign3.html > html > body > table > tbody > tr
2  <html>
7  <body>
11     <table>
22         <tbody>
31             <tr>
33                 <td>Physics</td>
34                 <td>Maths</td>
35                 <td>Python</td>
36                 <td>Linux</td>
37                 <td>English</td>
38             </tr>
39             <tr>
40                 <td>Wednesday</td>
41                 <td>javascript</td>
42                 <td>English</td>
43                 <td>Maths</td>
44                 <td>Physics</td>
45                 <td>deep learning</td>
46             </tr>
47             <tr>
48                 <td>Thursday</td>
49                 <td>English</td>
50                 <td>Machine learning</td>
51                 <td>Physics</td>
52                 <td>Maths</td>
53                 <td>Python</td>
54             </tr>
55             <tr>
56                 <td>Friday</td>
57                 <td>C++</td>
58                 <td>C#</td>
59                 <td>English</td>
60                 <td>Physics</td>
61                 <td>Maths</td>
62             </tr>
63             <tr>
64                 <td>Saturday</td>
65                 <td>Dbms</td>
66                 <td>Mern stack</td>
67                 <td>Full stack</td>
68                 <td colspan="2">Hands on learning</td>
69             </tr>
70         </tbody>
71     </table>
72
73 </body>
74 </html>
```

```
<> assign3.html # style.css X
ip 4 > # style.css > table
1  body {
2      font-family: 'Times New Roman', Times, serif;
3  }
4
5  .title {
6      text-align: center;
7      margin-top: 20px;
8  }
9
10 table {
11     width: 70%;
12     margin: 20px auto;
13     border-collapse: collapse;
14     text-align: center;
15 }
16
17 th, td {
18     border: 1px solid rgb(73, 8, 8);
19     padding: 8px;
20 }
21
22 thead tr {
23     background-color: #8dbef2;
24 }
25
```

## Weekly Timetable

Day	9:00 - 10:00	10:00 - 11:00	11:00 - 12:00	1:00 - 2:00	2:00 - 3:00
Monday	C++	Physics	Dbms	English	Maths
Tuesday	Physics	Maths	Python	Linux	English
Wednesday	javascript	English	Maths	Physics	deep learning
Thursday	English	Machine learning	Physics	Maths	Python
Friday	C++	C#	English	Physics	Maths
Saturday	Dbms	Mern stack	Full stack	Hands on learning	

## 5. Create another timetable (different design)

```
ip 5 > assign5.html X # style.css
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>College Timetable</title>
5   <link rel="stylesheet" href="style.css">
6 </head>
7 <body>
8
9   <h2 class="title">Weekly Timetable</h2>
10
11   <table>
12     <thead>
13       <tr>
14         <th>Day</th>
15         <th>9-10</th>
16         <th>10-11</th>
17         <th>11-12</th>
18         <th>Lunch Break</th>
19         <th>1-2</th>
20         <th>2-3</th>
21       </tr>
22     </thead>
23
24     <tbody>
25       <tr>
26         <td rowspan="2">Monday</td>
27         <td class="subject">Java</td>
28         <td class="subject">C++</td>
29         <td class="subject">C#</td>
30         <td rowspan="6" class="break">LUNCH<br>BREAK</td>
31         <td class="subject">DBMS</td>
32         <td class="subject">OS</td>
33       </tr>
34
35       <tr>
36         <td colspan="2" class="subject">Hands on learning</td>
37         <td class="subject">Game Dev</td>
38         <td colspan="2" class="subject">Project Work</td>
39       </tr>
```

```
ip 5 > assign5.html # style.css
2 <html>
7 <body>
11 <table>
24 <tbody>
25 <tr>
26   <td rowspan="2">Monday</td>
27   <td class="subject">Java</td>
28   <td class="subject">C++</td>
29   <td class="subject">C#</td>
30   <td rowspan="6" class="break">LUNCH<br>BREAK</td>
31   <td class="subject">DBMS</td>
32   <td class="subject">OS</td>
33 </tr>
34
35 <tr>
36   <td colspan="2" class="subject">Hands on learning</td>
37   <td class="subject">Game Dev</td>
38   <td colspan="2" class="subject">Project Work</td>
39 </tr>
40
41 <tr>
42   <td>Tuesday</td>
43   <td class="subject">DBMS</td>
44   <td class="subject">Machine learning</td>
45   <td class="subject">Python</td>
46   <td class="subject">Kotlin</td>
47   <td class="subject">Mern Stack</td>
48 </tr>
49
50 <tr>
51   <td>Wednesday</td>
52   <td colspan="3" class="subject">Practical Thinking</td>
53   <td class="subject">Full stack</td>
54   <td class="subject">Devops</td>
55 </tr>
56
57 <tr>
58   <td>Thursday</td>
59   <td class="subject">Cloud computing</td>
60   <td class="subject">Robotics</td>
61   <td class="subject">Physics</td>
62   <td colspan="2" class="subject">Editing</td>
63 </tr>
64
65 <tr>
66   <td>Friday</td>
67   <td class="subject">Maths</td>
68   <td class="subject">Japanese</td>
69   <td class="subject">Physics</td>
70   <td class="subject">Biology</td>
71   <td class="subject"></td>
72 </tr>
73 </tbody>
74 </table>
75
76 </body>
77 </html>
```

```
ip 5 > # style.css > ...
1  body {
2      font-family: 'Times New Roman', Times, serif;
3  }
4
5  .title {
6      text-align: center;
7      margin-top: 20px;
8  }
9
10 table {
11     width: 75%;
12     margin: 25px auto;
13     border-collapse: collapse;
14 }
15
16 th, td {
17     border: 1px solid black;
18     padding: 10px;
19     text-align: center;
20 }
21
22 thead th {
23     background-color: #ffcba4;
24     font-weight: bold;
25 }
26
27 .subject {
28     background-color: #edf0cb;
29 }
30
31 .break {
32     background-color: #fff2cc;
33     font-weight: bold;
34 }
35
```

Weekly Timetable						
Day	9-10	10-11	11-12	Lunch Break	1-2	2-3
Monday	Java	C++	C#	LUNCH BREAK	DBMS	OS
	Hands on learning		Game Dev		Project Work	
Tuesday	DBMS	Machine learning	Python		Kotlin	Mern Stack
Wednesday	Practical Thinking				Full stack	Devops
Thursday	Cloud computing	Robotics	Physics		Editing	
Friday	Maths	Japanese	Physics		Biology	Chemistry

## 6. Insert an image, audio, and video in a webpage

```
ip 6 > assign6.html > # style.css
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Lovegood House</title>
5   <link rel="stylesheet" href="style.css">
6 </head>
7 <body>
8
9   <h2 class="title">Image, Audio, and Video of the House</h2>
10
11   <h3>Lovegood House:</h3>
12   <a href="https://www.google.com" target="_blank">
13     
14   </a>
15
16
17   <div class="media-section">
18     <h3>Lovegood Audio:</h3>
19     <audio controls>
20       <source src="audio.mp3" type="audio/mpeg">
21     </audio>
22   </div>
23
24   <div class="media-section">
25     <h3>Lovegood Video:</h3>
26     <video width="400" controls>
27       <source src="video.mp4" type="video/mp4">
28     </video>
29   </div>
30
31 </body>
32 </html>
```

```
ip 6 > # style.css > ...
1 body {
2   font-family: 'Times New Roman', Times, serif;
3 }
4
5 .title, h3 {
6   text-align: center;
7   margin-top: 20px;
8 }
9
10
11 .center-image {
12   display: block;
13   margin: 20px auto;
14   width: 300px;
15 }
16
17
18 .media-section {
19   text-align: center;
20   margin: 20px 0;
21 }
```

Vedant Pakhade, B2-29, FYBCA


Lovegood House

http://127.0.0.1:5500/ip 6/assign6.html

Work College Study Redemption Checkout - Eklavya P...

### Image, Audio, and Video of the House

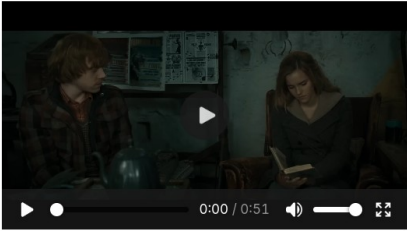
**Lovegood House:**



**Lovegood Audio:**

0:00 / 1:12

**Lovegood Video**

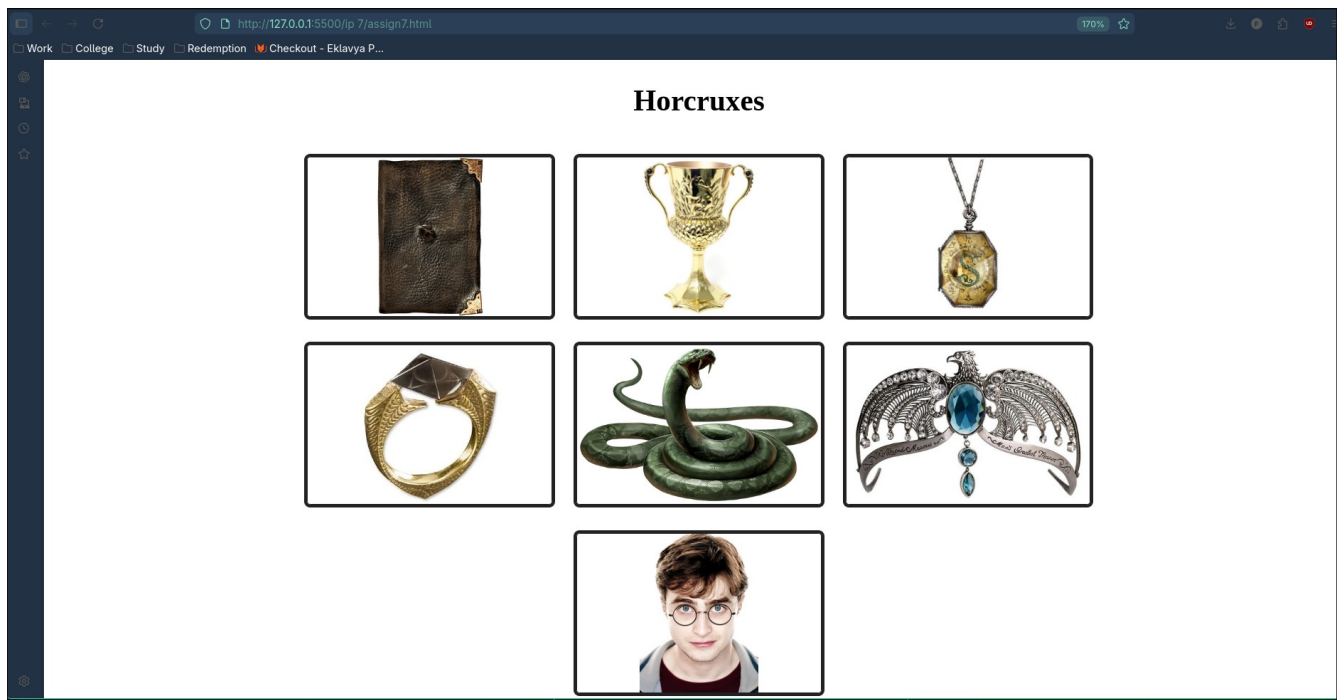


0:00 / 0:51

## 7. Create an image gallery

```
ip 7 > assign7.html X # style.css
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Horcruxes Gallery</title>
5   <link rel="stylesheet" href="style.css">
6 </head>
7 <body>
8
9   <h2 class="title">Horcruxes</h2>
10
11   <div class="gallery">
12
13     <a href="img1.jpg" target="_blank">
14       
15     </a>
16
17     <a href="img2.jpg" target="_blank">
18       
19     </a>
20
21     <a href="img3.jpg" target="_blank">
22       
23     </a>
24
25     <a href="img4.jpg" target="_blank">
26       
27     </a>
28
29     <a href="img5.jpg" target="_blank">
30       
31     </a>
32
33     <a href="img6.jpg" target="_blank">
34       
35     </a>
36
37     <a href="img7.jpg" target="_blank">
38       
39     </a>
40
41   </div>
42
43 </body>
44 </html>
45
```

```
ip 7 > # style.css X .gallery
1 body {
2   font-family: 'Times New Roman', Times, serif;
3 }
4
5 .title {
6   text-align: center;
7   margin-top: 20px;
8 }
9
10 .gallery {
11   width: 80%;
12   margin: 30px auto;
13   display: flex;
14   flex-wrap: wrap;
15   justify-content: center;
16   gap: 15px;
17 }
18
19 .gallery img{
20   width: 200px;
21   height: 130px;
22   object-fit: contain;
23   border: 3px solid #222;
24   border-radius: 5px;
25   transition: 0.3s;
26 }
27
28 .gallery img:hover {
29   transform: scale(1.05);
30   border-color: #444;
31 }
32
```



## 8. Add a video

```
ip 8 > < assign8.html > html > body > video
1  <!DOCTYPE html>
2  <html>
3  <head>
4  |   <title>Marcus Aurelius</title>
5  </head>
6  <body>
7  |
8  |   <h2>Marcus Aurelius</h2>
9  |
10 |   <video
11 |     src="video.mp4"
12 |     width="500"
13 |     controls
14 |     poster="img.jpg">
15 |
16 |   </video>
17 |
18 |   <p>
19 |     Why would a Roman Emperor ruling over millions spend his nights writing private notes to himself
20 |     about humility,self control and death?. These werent speeches or public letters they werent meant
21 |     for anyone else, just for him alone with his thoughts. 2000 years later his words still echo on
22 |     motivation quotes, in thearpy sessions and on bookshelves. The person was no other than Marcus
23 |     Aurelius and the notes he wrote to himself were called as Meditations.
24 |   </p>
25 |
26 </body>
27 </html>
```

### Marcus Aurelius



Why would a Roman Emperor ruling over millions spend his nights writing private notes to himself about humility,self control and death?. These werent speeches or public letters they werent meant for anyone else, just for him alone with his thoughts. 2000 years later his words still echo on motivation quotes, in thearpy sessions and on bookshelves. The person was no other than Marcus Aurelius and the notes he wrote to himself were called as Meditations.

## 9. Add a song/music using <audio>

```
assign9.html X
ip 9 > assign9.html > html > body > p
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Zelda Audio</title>
5  </head>
6  <body>
7
8    <h2>Great Fairy Fountain:</h2>
9
10   <audio src="music.mp3" autoplay loop controls>
11   </audio>
12
13   <p>
14     The autoplay attribute allows the audio to start playing automatically as soon
15     as the webpage loads, without the user having to click the play button. However,
16     many modern browsers restrict autoplay unless the audio is muted or the user has
17     interacted with the site before. This is done to avoid unexpected or unwanted
18     sounds from playing automatically.
19   </p>
20
21 </body>
22 </html>
```

### Great Fairy Fountain:



The autoplay attribute allows the audio to start playing automatically as soon as the webpage loads, without the user having to click the play button. However, many modern browsers restrict autoplay unless the audio is muted or the user has interacted with the site before. This is done to avoid unexpected or unwanted sounds from playing automatically.

## 10. Create a feedback form

```
ip 10 > assign10.html > html > body > form
1  <!DOCTYPE html>
2  <html>
3  <head>
4    <title>Feedback Form</title>
5
6    <script>
7      function validateForm() {
8        let name = document.getElementById("name").value.trim();
9        let email = document.getElementById("email").value.trim();
10       let feedback = document.getElementById("feedback").value.trim();
11       let rating = document.querySelector('input[name="rating"]:checked');
12
13       if (name === "") {
14         alert("Please enter your name.");
15         return false;
16       }
17
18       if (email === "") {
19         alert("Please enter your email.");
20         return false;
21       }
22
23       if (!rating) {
24         alert("Please select a rating.");
25         return false;
26       }
27
28       if (feedback === "") {
29         alert("Please enter your feedback.");
30         return false;
31       }
32
33       return true;
34     }
35   </script>
36
37 </head>
```

```
ip 10 > assign10.html > html > body > form
2  <html>
3  <head>
36
37 </head>
38 <body>
39
40   <h2>Feedback Form Qudditch</h2>
41
42   <form onsubmit="return validateForm()">
43
44     <label>Name:</label><br>
45     <input type="text" id="name" name="name"><br><br>
46
47     <label>Email:</label><br>
48     <input type="email" id="email" name="email"><br><br>
49
50     <label>Rating (1-5):</label><br>
51     <input type="radio" name="rating" value="1"> 1
52     <input type="radio" name="rating" value="2"> 2
53     <input type="radio" name="rating" value="3"> 3
54     <input type="radio" name="rating" value="4"> 4
55     <input type="radio" name="rating" value="5"> 5
56     <br><br>
57
58     <label>Feedback:</label><br>
59     <textarea id="feedback" name="feedback" rows="5" cols="40"></textarea><br><br>
60
61     <button type="submit">Submit</button>
62
63   </form>
64
65 </body>
66 </html>
67
```

## Feedback Form Quidditch

Name:

Email:

Rating (1–5):

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