Submitted to : *Sir Danish Asim*

Submitted by: *Riffat Jabeen* [78]

Part 1:

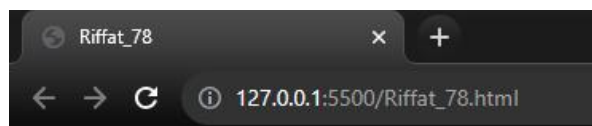**Task 1**: Install VS code onto your system and install relevant html extensions for better coding environment

Task 2: Create a HTML file with proper formatting having name "Name_RollNumber"

Task 3: Insert heading tags into your html file

Task 4: Insert image into your html file

Task 5: Set your page title to "Name_RollNumber"

```html
<html>
    <head>
        <title> Riffat_78 </title>
        <body>
            <img src="Image_1.jpeg" alt="Car Image">
        </body>
    </head>
</html>
```

Part 2:

Task 2:

Create a folder with "Name_RollNumber"

Task 3:

Create a file named as "index.html" in it

Task 4:

Use html standard file format while creating any html file

Task 5:

Assign a title to your html file as "Name_RollNumber"

```html
index.html > html > head > meta
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Riffat_78</title>
7   </head>
8   <body>
9
10  </body>
11  </html>
12
```

Task 6:

Write your biodata using all text related html tags

i.e h1,h2,p,pre etc.

```html
<div class="Bio">
    <h1><mark><b><u> Part - 2 </u></b></mark></h1>
</div>
<div>
    <h1>Task - 6</h1>
    <h3>Write your biodata using all text related html tags
        i.e h1,h2,p,pre etc
    </h3>
    <p>My name is <b><i><em>Riffat Jabeen</em></i></b> and I live in <b><i>Lahore,
    Pakistan</i></b>. I'm doing
        <b><i>BSc Electrical Engineering</i></b> from <b><i>University of
        Engineering and Technology Lahore</i></b>.
        I've no siblings. My hobbies include
        <b><i>sketching</i></b> and <b><i>book reading</i></b>.
    </p>
</div>
```

Part - 2

Task - 6

Write your biodata using all text related html tags i.e h1,h2,p,pre etc

My name is **Riffat Jabeen** and I live in **Lahore, Pakistan**. I'm doing **BSc Electrical Engineering** from **University of Engineering and Technology Lahore**. I've no siblings. My hobbies include **sketching** and **book reading**.
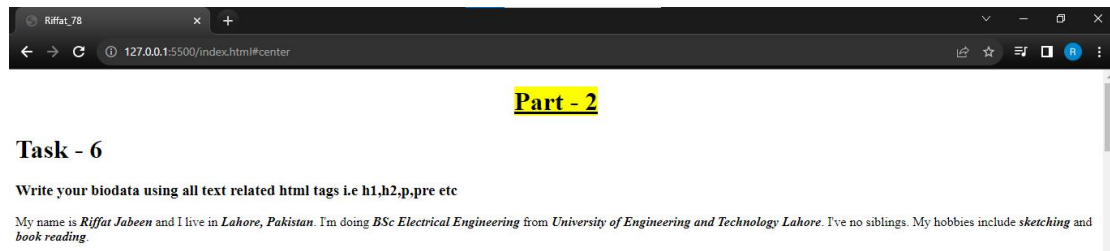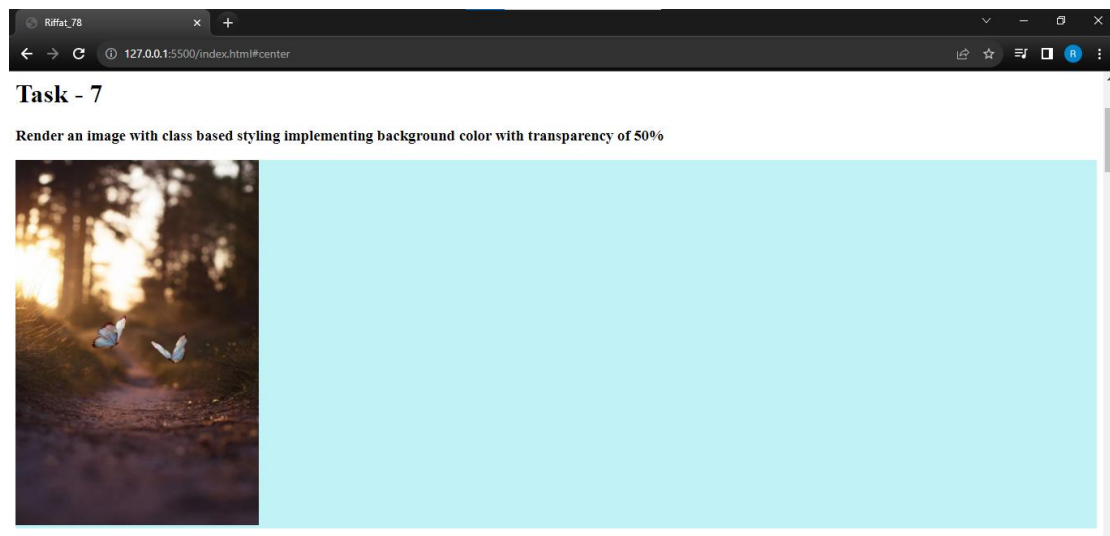
Task 7:

Render an image with class based styling implementing background color with transparency of 50%.

```
<h1>Task - 7</h1>
<h3>Render an image with class based styling implementing background color with
transparency of 50% </h3>
<p class="styling"> <img src="Image.jpg" alt="Peaceful Image" width="300px"> </p>
```

```css
# style.css > ...
1    .styling {
2    |    background-color: ■rgba(130, 229, 238, 0.5);
3    }
4
```

Task - 7

Render an image with class based styling implementing background color with transparency of 50%


Task 8:

Implement divs and spans and also elaborate the difference in a preformatted text tag with its size increased to 50 pixels.

```
<h1>Task - 8</h1>
<h3>Implement divs and spans and also elaborate the difference in a preformatted
text tag with its size increased to
    50 pixels</h3>
<div>
    div implementation
</div>
<span>
    span implementation
</span>
<pre>
pre tag is used to represent
        preformatted text,
preserving both spaces
        and line breaks exactly
as they appear in the HTML code.
        The 50px increasedtext size increased
the simple text size without any
        chnage in the text alignment
</pre>
```

Task - 8

Implement divs and spans and also elaborate the difference in a preformatted text tag with its size increased to 50 pixels

div implementation
span implementation

```
pre tag is used to represent
        preformatted text,
preserving both spaces
        and line breaks exactly
as they appear in the HTML code.
        The 50px increasedtext size increased
the simple text size without any
        chnage in the text alignment
```
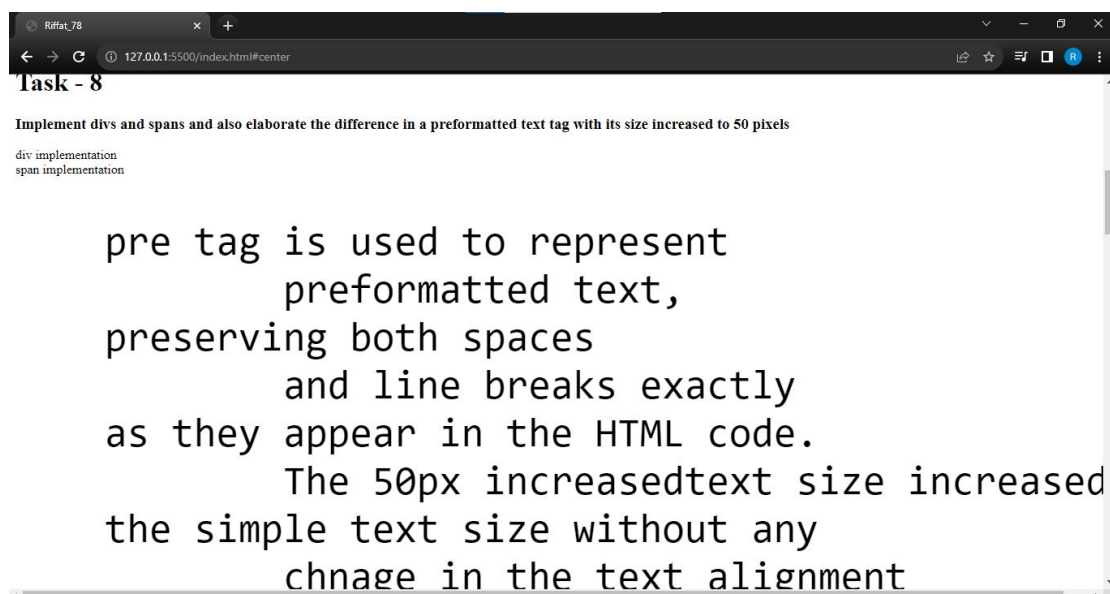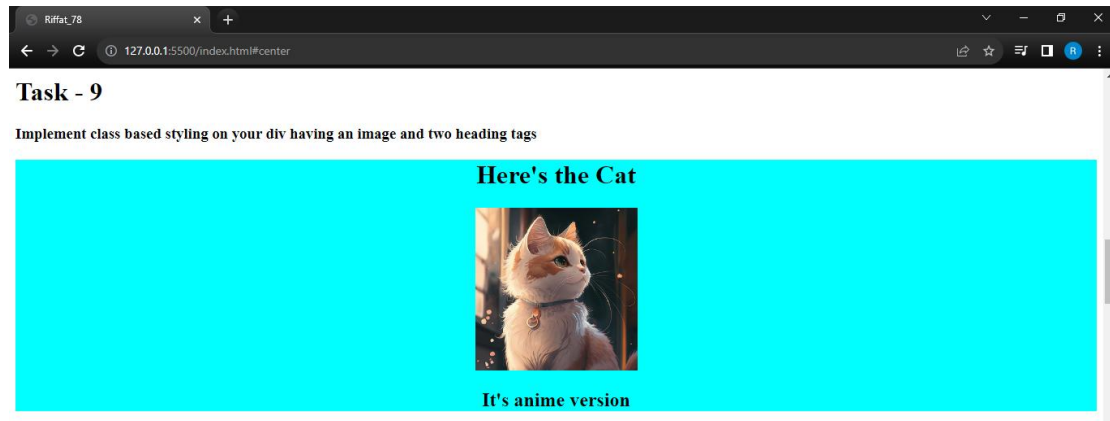
Task 9:

Implement class based styling on your div having an image and two heading tags

```
<h1>Task - 9</h1>
<h3>Implement class based styling on your div having an image and two heading tags</
h3>
<div class="decor">
    <h1>Here's the Cat</h1>
    <img src="cat.webp" alt="cat image" width="200px">
    <h2>It's anime version</h2>
</div>
```

```css
.decor{
    background-color: ▉aqua;
    text-align: center;
    width:   100%;
}
```


Task - 9

Implement class based styling on your div having an image and two heading tags

Here's the Cat

It's anime version

Task 10:

Implement a span and perform margins and paddings and width separately to it and explain the results in the same row but three different columns.

```html
<h1>Task - 10</h1>
<h3>Implement a span and perform margins and paddings and width separately to it and
explain the results in the same
    row but three different columns</h3>
<span>
    <table>
        <tbody>
            <tr>
                <td class="margin"> In a table layout, you can use the margin
                property to add space around the
                    content within each cell (column) of the table</td>
                <td class="padding">Use the padding property to add space inside the
                cells. This added 30px extra
                    space</td>
                <td class="width"> Width is used to set the width of the column
                which in this case is 200px</td>
            </tr>
        </tbody>
    </table>
</span>
```
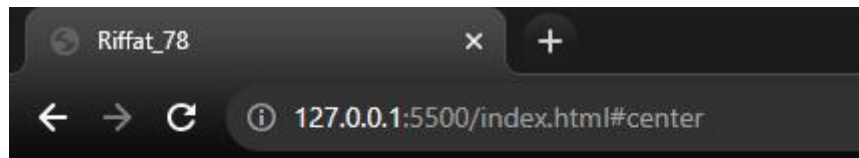
```
<style>

    .margin {
        border: solid;
        border-color: ■brown;
        border-width: thin;
        width: 200px;
        background-color: ▣indianred;
    }

    .padding {
        padding: 100px;
        background-color: ▢lavenderblush;
    }

    .width {
        width: 200px;
        background-color: ■indianred;
    }

</style>
```

Task - 10

Implement a span and perform margins and paddings and width separately to it and explain the results in the same row but three different columns

	Use the padding property to add space inside the cells. This added 30px extra space	
In a table layout, you can use the margin property to add space around the content within each cell (column) of the table		Width is used to set the width of the column which in this case is 200px

Task 11:

Move to a specific section of a page using html

```
<div>
    <h1>Task - 11</h1>
    <h3>Move to a specific section of a page using html</h3>
    <a href="#center">Click here to go there</a>
</div>
```
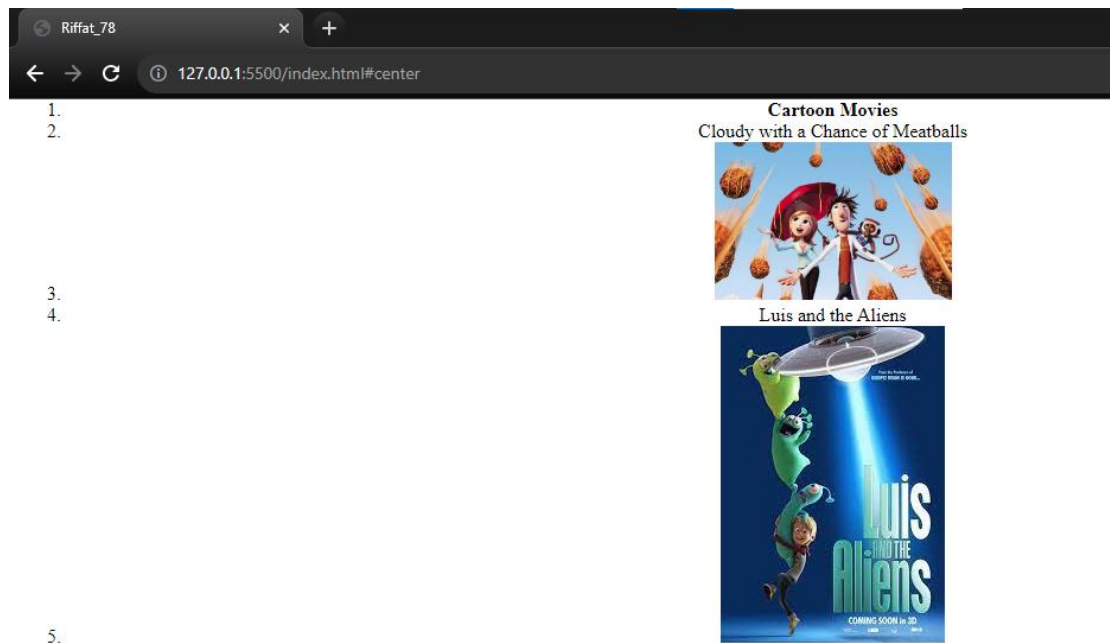
127.0.0.1:5500/index.html#center

Task - 11

Move to a specific section of a page using html

Click here to go there

127.0.0.1:5500/index.html#center

1.
2.

Cartoon Movies

Cloudy with a Chance of Meatballs

3.
4.

Luis and the Aliens
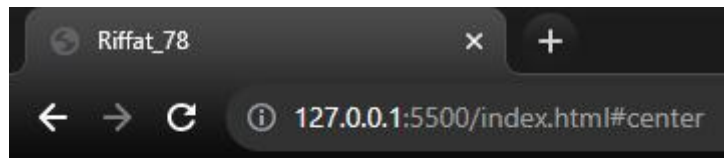

5.

Task 12:
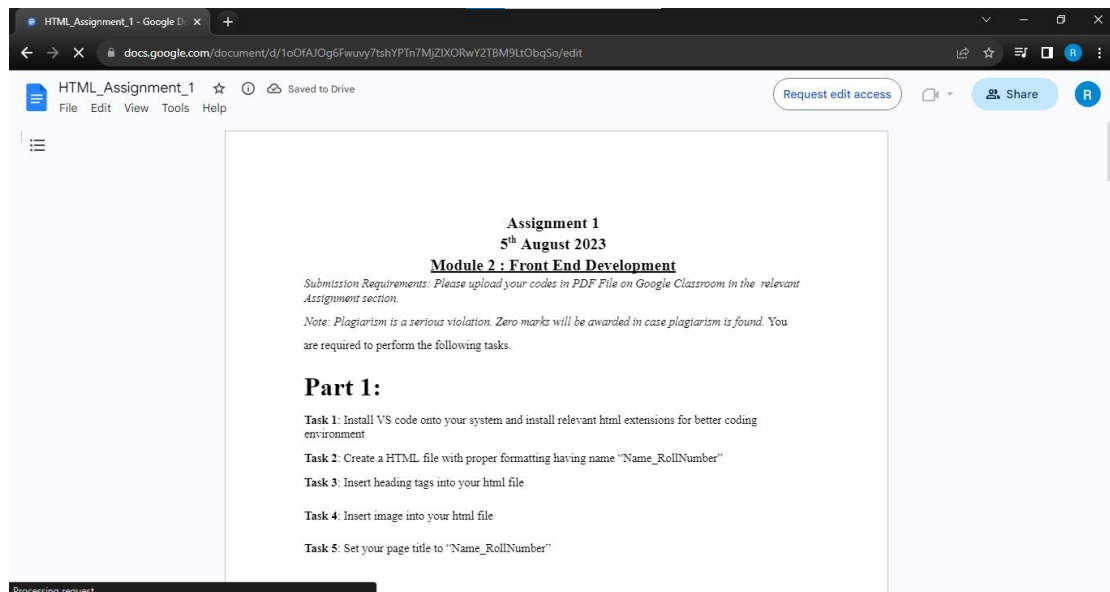
Route to the other page using html

```
<h1>Task - 12</h1>
<h3>Route to the other page using html</h3>
<a href="https://docs.google.com/document/d/
1oOfAJOg6Fwuvy7tshYPTn7MjZIXORwY2TBM9LtObqSo/edit">Go to google
    classroom</a>
```
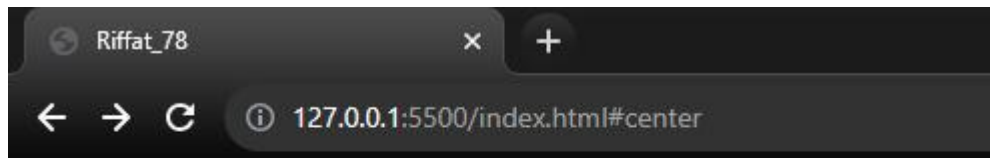
Task 13:

Move to a specific section of the other page using html
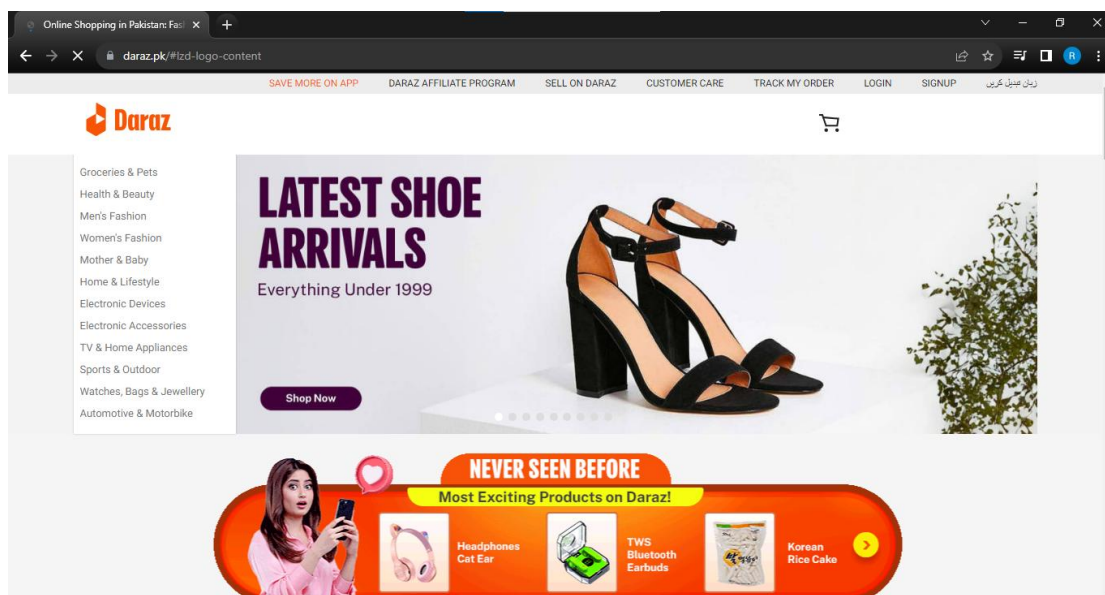
Task 14:

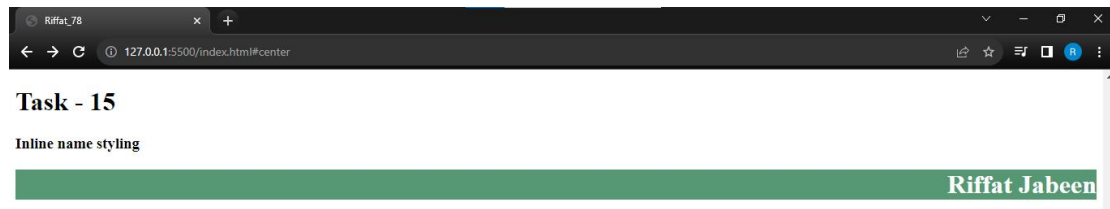Move to a specific section of the other page using html

Task 15:

Style your name in such a way that it looks white with background #569874 and inner space on the left

*Note: use inline styling

```
<h1>Task - 15</h1>
<h3>Inline name styling</h3>
<h1 style="color: white;
background-color: #569874 ;
text-align: right;">Riffat Jabeen</h1>
```

Task - 15

Inline name styling

Riffat Jabeen

Task 16:

Style your name in such a way that it looks white with background #569874 with opacity 0.8 and inner space on the left

*Note: use class based styles

```
<h1>Task - 16</h1>
<h3>class based name styling</h3>
<h1 class="name">Riffat Jabeen</h1>
```

```
.name{
    color: white;
    text-align: right;
    background-color: rgba(130, 229, 238, 0.8);
}
```

Task - 16

class based name styling

Riffat Jabeen
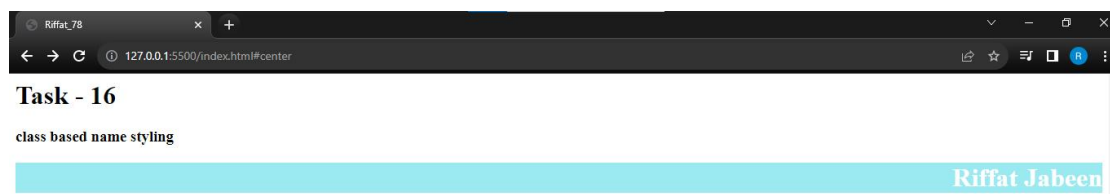
Part 3:

Task 1:

Create a table like this using html

Time	1	2	3	4	5	6	7	8	9	10
Distance	5	10	15	20	25	30	35	40	45	50

```
<div class="Bio">
    <h1><mark><b><u> Part - 3 </u></b></mark></h1>
</div>
<div>
    <h1>Task - 1</h1>
    <h3>Create a table like this using html </h3>
    <table>
        <tr>
            <th>Time</th>
            <td>1</td>
            <td>2</td>
            <td>3</td>
            <td>4</td>
            <td>5</td>
            <td>6</td>
            <td>7</td>
            <td>8</td>
            <td>9</td>
            <td>10</td>
        </tr>
        <tr>
            <th>Speed</th>
            <td>5</td>
            <td>10</td>
            <td>15</td>
            <td>20</td>
            <td>25</td>
            <td>30</td>
            <td>35</td>
            <td>40</td>
            <td>45</td>
            <td>50</td>
        </tr>
    </table>
</div>
```

Riffat_78   ×   +

← → C   ⓘ 127.0.0.1:5500/index.html#center

Part - 3

Task - 1

Create a table like this using html

Time	1	2	3	4	5	6	7	8	9	10
Speed	5	10	15	20	25	30	35	40	45	50

Task 2:

Create an ordered list containing center aligned image and title (at least 5 points)

```
<h1>Task - 2</h1>
<h3>Create an ordered list containing center aligned image and title (at least 5
points) </h3>
<div id="center">
    <ol>
        <li><b>Cartoon Movies</b></li>
        <li>Cloudy with a Chance of Meatballs</li>
        <li><img width="200px" src="cloud.jpg" alt="poster of Cloudy with a Chance
        of Meatballs "></li>
        <li>Luis and the Aliens</li>
        <li><img src="luis.jpeg" alt="poster of Luis and the Aliens"></li>
    </ol>
</div>
```


Task 3:

Create a description list and enlist data of your 5 hobbies

```html
<div>
    <h1>Task - 3</h1>
    <h3>Create a description list and enlist data of your 5 hobbies </h3>
    <dl>
        <dt><b>Sketcing</b></dt>
        <dd>
            I discovered this hobby of mine in the board exams of 9th which turned
            out to be both unfortunate and
            fortunate and somehow I managed to explore and engage in this hobby.
        </dd>
    </dl>
    <dl>
        <dt><b>Reading</b></dt>
        <dd>
            I actually discovered this hobby from someone on YouTube. They
            recommended some novels, and after
            reading a few of them, I found out that reading books has become my new
            hobby.
        </dd>
    </dl>
```

```html
    <dl>
        <dt><b>Badminton</b></dt>
        <dd>
            I have loved playing Badminton since I was a child, and I still enjoy
            playing it. I even achieved a good
            position in a competition at the zonal level once
        </dd>
    </dl>
    <dl>
        <dt><b>Baking</b></dt>
        <dd>I enjoy baking, and I'm pretty good at making lasagna, pizza, and cakes.
        Interestingly, the cakes I bake
            never turns out to be soft
        </dd>
    </dl>
    <dl>
        <dt><b>listening songs</b></dt>
        <dd>Apart from either good or bad hobby i do listen to music a lot
        irrespective of language and
            understanding i just enjoy listening, Beat does matter
        </dd>
    </dl>
</div>
```

Task - 3

Create a description list and enlist data of your 5 hobbies

Sketcing
I discovered this hobby of mine in the board exams of 9th which turned out to be both unfortunate and fortunate and somehow I managed to explore and engage in this hobby.

Reading
I actually discovered this hobby from someone on YouTube. They recommended some novels, and after reading a few of them, I found out that reading books has become my new hobby.

Badminton
I have loved playing Badminton since I was a child, and I still enjoy playing it. I even achieved a good position in a competition at the zonal level once

Baking
I enjoy baking, and I'm pretty good at making lasagna, pizza, and cakes. Interestingly, the cakes I bake never turns out to be soft

listening songs
Apart from either good or bad hobby i do listen to music a lot irrespective of language and understanding i just enjoy listening, Beat does matter

Task 4:

Create an input field of type number allowing user to enter only numbers in the range of 50 to 100.

```html
<div>
    <h1>Task - 4</h1>
    <h3>Create an input field of type number allowing user to enter only numbers in
    the range of 50 to 100</h3>
    <label for="numberInput">Enter a number between 50 and 100:</label>
    <input type="number" id="numberInput" name="numberInput" min="50" max="100"
    value="50">
</div>
```

Task - 4

Create an input field of type number allowing user to enter only numbers in the range of 50 to 100

Enter a number between 50 and 100: 50

Task 5:

Create a table like the one shown below using html

Time	Distance
1	5
2	15

```
<div>
    <h1>Task - 5</h1>
    <h3>Create a table like the one shown below using html</h3>
    <table>
        <tr class="align">
            <th>Time</th>
            <th>Distnce
            </th>
        </tr>
        <tr>
            <td class="align">1</td>
            <td class="align">5</td>
        </tr>
        <tr>
            <td class="align">2</td>
            <td class="align">15</td>
        </tr>
    </table>
</div>
```

```
.align{
    width: 300px;
    text-align: right;
}
```

Task - 5

Create a table like the one shown below using html

Time	Distnce
1	5
2	15