

Web Programming Lab

BCSE203E

Assignment – 1

Submitted By:

Vyom Khurana

23BDS0081

Submitted To:

Prof. Sathya K

TASK 1

Aim –

Design a web page “home.html” that describes about you and it include all of the following information

- Your name as Heading (use h1) to the webpage and add tagline about you (use h2 and italics). Note: Choose font family and color as per your choice
- A description of yourself in minimum 3 paragraphs and justify the text content
- Highlight the most important word(s) and infer the differences of bold, strong, emphasize.
- Use background colours and text colours appropriately for a good design.
- Add your image in left corner of the first paragraph

HTML TAGS NEED TO BE USED–

<html>	lang
<meta>	charset, name, content
<body>	style (font-family, background-color, margin, color)
<h1>	style (color, text-align)
<h2>	style (color, font-style, text-align)
<div>	style (float, margin-right, background-color, padding, border, border-radius, margin-top)
	src, alt, width, height
<p>	style (text-align)

CODE —

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Home.html</title>

</head>

<body style="font-family: Arial, Helvetica, sans-serif; background-color: lavender; margin: 25px; color: #333;">

  <h1 style="color: #4b0082; text-align: center;">Vyom Khurana</h1>

  <h2 style="color: #8b4513; font-style: italic; text-align: center;">Passionate Tech Enthusiast and Data Science Student</h2>

  <div style="float: left; margin-right: 20px;">

    </img>

    </div>

    <div

      style="background-color: #f0f8ff; padding: 15px; border: 1px solid #4682b4; border-radius: 10px; margin-top: 20px;"

      <p style="text-align: justify;">

        Vyom Khurana, born on July 11, 2005, in Faridabad, Haryana, is a 19-year-old student currently pursuing a bachelor's degree in Computer Science and Engineering with a specialization in <strong>Data Science</strong> at VIT Vellore. From a young age, Vyom has been passionate about technology, which led him to explore the vast world of <em>computer science</em>. His academic focus on <strong>data science</strong> allows him to combine his love for problem-solving with his desire to make a meaningful impact by harnessing the power of data.

      </p>

      <p style="text-align: justify;">
```

In addition to his academic pursuits, Vyom is an active individual with a wide range of hobbies that help him maintain a balanced lifestyle. He enjoys **swimming**, which not only keeps him physically fit but

also allows him to relax and clear his mind. Another one of his passions is working out at the gym, where he focuses on *strength training* and overall fitness. Vyom also has an interest in **dancing**,

which provides a creative outlet and lets him stay energized and motivated. These hobbies play a key role in helping him stay focused, disciplined, and maintain a healthy work-life balance while juggling the demands of his studies.

</p>

<p style="text-align: justify;">

Having a strong passion for **finance** and actively exploring various aspects of the field to enhance understanding. As a member of Bulls and Bears, the finance club at VIT Vellore, Vyom engages in discussions, activities, and events that focus on financial markets, investing, and economic trends. This involvement has further fueled his curiosity and helped him stay informed about the dynamic world of finance.

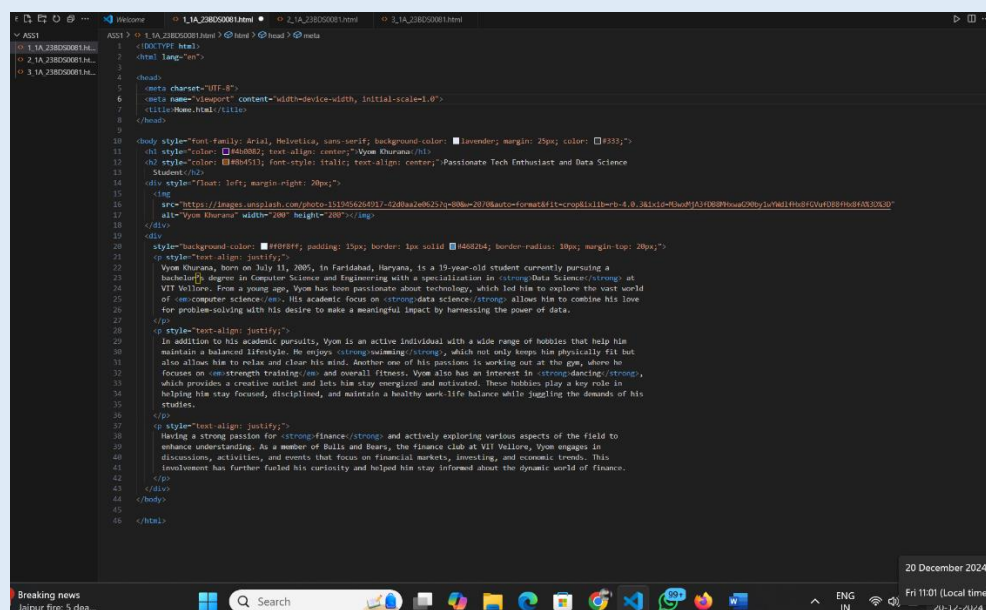
</p>

</div>

</body>



</html>

CODE SCREENSHOT –




```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Home.html</title>
8 </head>
9
10 <body style="font-family: Arial, Helvetica, sans-serif; background-color: #f0f0f0; margin: 20px; color: #333;">
11   <div style="text-align: center; background-color: #f0f0f0; padding: 10px; border: 1px solid #ccc;">
12     <h2 style="color: #000080; font-style: italic; text-align: center;">Passionate Tech Enthusiast and Data Science
13     Student</h2>
14     <div style="display: flex; justify-content: space-around; align-items: center;">
15       
17       <div style="text-align: center;">
18         <h3>Vyom Sharma</h3>
19       </div>
20     </div>
21   </div>
22   <div style="background-color: #f0f0f0; padding: 10px; border: 1px solid #ccc; margin-top: 20px;">
23     <p style="text-align: justify;">
24       Vyom Sharma, born on July 11, 2005, in Faridabad, Haryana, is a 19-year-old student currently pursuing a
25       bachelor's degree in Computer Science and Engineering with a specialization in Data Science at
26       VIT Vellore. From a young age, Vyom has been passionate about technology, which led him to explore the vast world
27       of computer science. His academic focus on data science allows him to combine his love
28       for problem-solving with his desire to make a meaningful impact by harnessing the power of data.
29     </p>
30     <p style="text-align: justify;">
31       In addition to his academic pursuits, Vyom is an active individual with a wide range of hobbies that help him
32       maintain a balanced lifestyle. He enjoys swimming, which not only keeps him physically fit but
33       also allows him to relax and clear his mind. Another one of his passions is working out at the gym, where he
34       focuses on strength training and overall fitness. Vyom also has an interest in dancing,
35       which provides a creative outlet and lets him stay energized and motivated. These hobbies play a key role in
36       helping him stay focused, disciplined, and maintain a healthy work-life balance while juggling the demands of his
37       studies.
38     </p>
39     <p style="text-align: justify;">
40       Having a strong passion for finance and actively exploring various aspects of the field to
41       enhance understanding. As a member of Bulls and Bears, the finance club at VIT Vellore, Vyom engages in
42       discussions, activities, and events that focus on financial markets, investing, and economic trends. This
43       involvement has further fueled his curiosity and helped him stay informed about the dynamic world of finance.
44     </p>
45   </div>
46 </body>
47 </html>
```

OUTPUT SCREENSHOT –

 Home.html 

Vyom Khurana

Passionate Tech Enthusiast and Data Science Student



Vyom Khurana, born on July 11, 2005, in Faridabad, Haryana, is a 19-year-old student currently pursuing a bachelor's degree in Computer Science and Engineering with a specialization in **Data Science** at VIT Vellore. From a young age, Vyom has been passionate about technology, which led him to explore the vast world of *computer science*. His academic focus on **data science** allows him to combine his love for problem-solving with his desire to make a meaningful impact by harnessing the power of data.

In addition to his academic pursuits, Vyom is an active individual with a wide range of hobbies that help him maintain a balanced lifestyle. He enjoys **swimming**, which not only keeps him physically fit but also allows him to relax and clear his mind. Another one of his passions is working out at the gym, where he focuses on *strength training* and overall fitness. Vyom also has an interest in **dancing**, which provides a creative outlet and lets him stay energized and motivated. These hobbies play a key role in helping him stay focused, disciplined, and maintain a healthy work-life balance while juggling the demands of his studies.

Having a strong passion for **finance** and actively exploring various aspects of the field to enhance understanding. As a member of Bulls and Bears, the finance club at VIT Vellore, Vyom engages in discussions, activities, and events that focus on financial markets, investing, and economic trends. This involvement has further fueled his curiosity and helped him stay informed about the dynamic world of finance.

20 December 2024

Fri 11:05 (Local time)

TASK 2 NEXT PAGE

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-
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-
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TASK 2

Aim –

Use appropriate list elements to represent the following data

- List of courses in Winter 2024–2025.
- List the programming languages and provide rating yourself out of 10.
- Add reviews or book summary of your 3 favourite movies/books/TV shows/ music concert

HTML TAGS TO BE USED –

Tags used	Attributes
<html>	lang
<meta>	charset, name, content
<body>	style (font-family, background-color, margin, padding, color)
<header>	style (background-color, color, padding, text-align)
<h1>	style (margin)
<main>	style (margin, padding, background-color, border, border-radius)
<h2>	style (color, margin-top)
<h3>	style (margin, color)
<div>	style (margin-top, padding, background-color, border, border-radius)
<p>	style (margin)

CODE —

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>My Winter Courses</title>

</head>

<body style="font-family: Arial, sans-serif; background-color: #f0f8ff; margin: 0; padding: 0; color: #333;">

  <header style="background-color: #8a2be2; color: white; padding: 15px; text-align: center;">

    <h1 style="margin: 0;">My Winter Semester</h1>

  </header>

  <main style="margin: 20px; padding: 15px; background-color: #ffffff; border: 1px solid #ccc; border-radius: 10px;">

    <h2 style="color: #4682b4;">1. List of Courses</h2>

    <ul>

      <li>Web Programming</li>

      <li>Theory of Computation</li>

      <li>Probability and Statistics</li>

      <li>Computer Architecture</li>

      <li>Microprocessors</li>

    </ul>

    <h2 style="color: #1695e4; margin-top: 30px;">2. Programming Skills</h2>

    <p>Here are my self-ratings for some programming languages:</p>

    <ul>

      <li>Python: 8.5/10</li>

      <li>C: 8/10</li>

      <li>C++: 9/10</li>

      <li>Java: 10/10</li>

    </ul>

  </main>

</body>

</html>
```


<h2 style="color: #4682b4; margin-top: 30px;">3. Movie Reviews</h2>

<div style="margin-top: 10px; padding: 10px; background-color: #f8f9fa; border: 1px solid #4682b4; border-radius: 5px;">

<h3 style="margin: 0; color: #4682b4;">Interstellar</h3>

<p style="margin: 5px 0;">Interstellar beautifully merges the mysteries of space and the complexities of time, delivering a story that's as emotional as it is thought-provoking..</p>

</div>

<div style="margin-top: 10px; padding: 10px; background-color: #f8f9fa; border: 1px solid #4682b4; border-radius: 5px;">

<h3 style="margin: 0; color: #4682b4;">The Last of Us</h3>

<p style="margin: 5px 0;">The Last of Us is a gripping tale of survival and humanity, blending intense action with deep emotional moments. Its storytelling and character development leave a lasting impact.</p>

</div>

<div style="margin-top: 10px; padding: 10px; background-color: #f8f9fa; border: 1px solid #4682b4; border-radius: 5px;">

<h3 style="margin: 0; color: #4682b4;">Annabelle</h3>

<p style="margin: 5px 0;">Annabelle delivers a chilling horror experience with plenty of suspense and tension. It effectively taps into classic scares and keeps you on edge from start to finish. If you're a fan of supernatural thrillers, it's definitely worth a watch</p>

</div>

</main>

</body>

</html>

CODE SCREENSHOT –

```
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>My Winter Courses</title>
7 </head>
8 <body style="font-family: Arial, sans-serif; background-color: #f0f0ff; margin: 0; padding: 0; color: #333;">
9   <header style="background-color: #8a2be2; color: white; padding: 15px; text-align: center;">
10     <h1 style="margin: 0;">My Winter Semester</h1>
11   </header>
12   <main style="margin: 20px; padding: 15px; background-color: #ffffff; border: 1px solid #ccc; border-radius: 10px;">
13     <h2 style="color: #4682b4;">1. List of Courses</h2>
14     <ul>
15       <li>Web Programming</li>
16       <li>Theory of Computation</li>
17       <li>Probability and Statistics</li>
18       <li>Computer Architecture</li>
19       <li>Microprocessors</li>
20     </ul>
21
22     <h2 style="color: #1695e4; margin-top: 30px;">2. Programming Skills</h2>
23     <p>Here are my self-ratings for some programming languages:</p>
24     <ul>
25       <li>Python: 8.5/10</li>
26       <li>C: 8/10</li>
27       <li>C++: 9/10</li>
28       <li>Java: 10/10</li>
29     </ul>
30
31     <h2 style="color: #4682b4; margin-top: 30px;">3. Movie Reviews</h2>
32     <div style="margin-top: 10px; padding: 10px; background-color: #f8f9fa; border: 1px solid #4682b4; border-radius: 5px;">
33       <h3 style="margin: 0; color: #4682b4;">Interstellar</h3>
34       <p style="margin: 5px 0;">Interstellar beautifully merges the mysteries of space and the complexities of time, delivering a story that's as emotional as it is thought-provoking..</p>
35     </div>
36     <div style="margin-top: 10px; padding: 10px; background-color: #f8f9fa; border: 1px solid #4682b4; border-radius: 5px;">
37       <h3 style="margin: 0; color: #4682b4;">The Last of Us</h3>
38       <p style="margin: 5px 0;">The Last of Us is a gripping tale of survival and humanity, blending intense action with deep emotional moments. Its storytelling and character development leave a
39     </div>
40     <div style="margin-top: 10px; padding: 10px; background-color: #f8f9fa; border: 1px solid #4682b4; border-radius: 5px;">
41       <h3 style="margin: 0; color: #4682b4;">Annabelle</h3>
42       <p style="margin: 5px 0;">Annabelle delivers a chilling horror experience with plenty of suspense and tension. It effectively taps into classic scares and keeps you on edge from start to fin
43     </div>
44   </main>
45 </body>
46 </html>
47
```

CODE OUTPUT(with timestamps) –

My Winter Semester

1. List of Courses

- Web Programming
- Theory of Computation
- Probability and Statistics
- Computer Architecture
- Microprocessors

2. Programming Skills

Here are my self-ratings for some programming languages:

- Python: 8.5/10
- C: 8/10
- C++: 9/10
- Java: 10/10

3. Movie Reviews

Interstellar

Interstellar beautifully merges the mysteries of space and the complexities of time, delivering a story that's as emotional as it is thought-provoking..

The Last of Us

The Last of Us is a gripping tale of survival and humanity, blending intense action with deep emotional moments. Its storytelling and character development leave a lasting impact.

Annabelle

Annabelle delivers a chilling horror experience with plenty of suspense and tension. It effectively taps into classic scares and keeps you on edge from start to finish. If you're a fan of supernatural thrillers, it's definitely worth a watch

20 December 2024

Fri 11:11 (Local time)

TASK – 3

AIM–

Use the tables as depicts in the following figure

r1c1		r1c3	r1c4	r1c5	
		r2c3			
r3c1			r3c4		r3c6
r4c1	r4c2		r4c4	r4c5	
r5c1		r5c3		r5c5	
			r6c4		


- r1c1 – include any images of your choice
 - r1c3, r5c1, r4c1, r4c2– shades with your favourite color
 - r1c4, r5c3, r6c4, r5c5– include your positive affirmations (use font family, color, formatting as per choice)
 - r3c1– provide links to “home.html”
 - r2c3– Email as hyperlinks
 - r3c4– image as hyperlinks
 -
 -
 -
 -
 -

HTML ATTRIBUTES WITH TAGS-

Tags used	Attributes
<table>	border, cellspacing, cellpadding
<td>	rowspan, colspan, bgcolor
	src, width, height, length, alt
	face, color, size
<a>	href
<meta>	charset, name, content
<html>	lang

CODE –

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Table with Images and HyperLinks</title>
</head>
<body>
  <table border="1" cellspacing="0" cellpadding="10">
    <tr>
      <td rowspan="2">
```

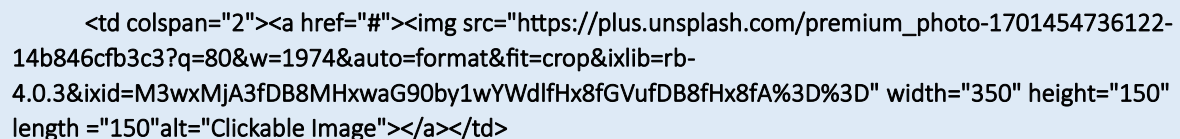
A placeholder for an image from Unsplash. The alt text is "Image".

Believe in yourself!

You can do it!

[Contact Me](mailto:vyomkhurana846@gmail.com)

[Home](http://127.0.0.1:5500/ASS1/1.html)



A placeholder for an image from Unsplash. The alt text is "Clickable Image".

```
        Stay positive!<br>
        Keep smiling!
    </font>
</td>
<td>
    <font face="Verdana" color="#800080" size="4">
        Dream big!<br>
        Never give up!
    </font>
</td>
<td colspan="2" rowspan="2">
    <font face="Times New Roman" color="#FF4500" size="4">
        Make today amazing!<br>
        You're awesome!
    </font>
</td>
</tr>
</table>
</body>
</html>
```

CODE SCREENSHOT –

[illegible]

OUTPUT –

	r1c3	Believe in yourself! You can do it!	r1c5
	Contact Me		
Home			r3c6
r4c1	r4c2	r4c4	r4c5
r5c1	Stay positive! Keep smiling!	Dream big! Never give up!	Make today amazing! You're awesome!