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BCSE203E – Web Programming

Assignment 1A

Activity 1: Text formatting and images

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

Tag	Attributes Used
<html>	
<head>	
<title>	
<body>	style (background-color, color, font-family)
<h1>	style (text-align, color)
<h2>	style (text-align, font-style, color)
<p>	style (text-align)
<img>	src, alt, style (float, margin-right, width, border-radius)
<strong>	
<em>	

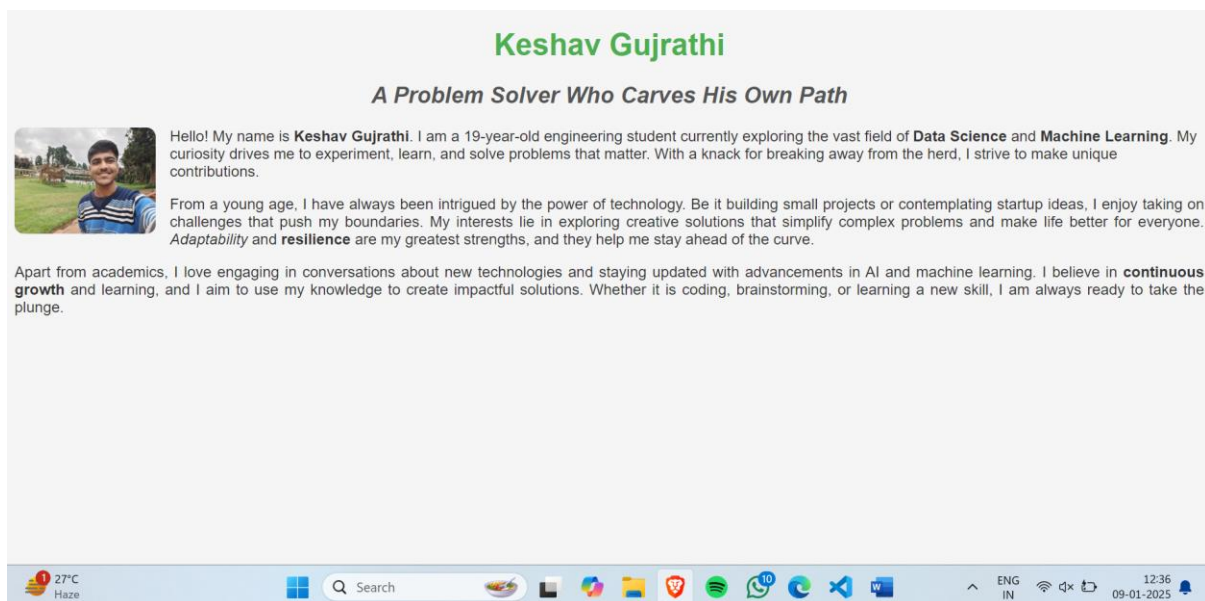**Procedure**

1. In notepad or any editor or IDE type the necessary code & save with the file name mentioned with .html extension display your time table.

2. To view your web page, simply double click your html file.

Result:
Thus, a web page was designed using various HTML tags and attributes, and the output was successfully verified.

Activity 2: List (list.html)

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 need to be used

Tag	Attributes Used
<!DOCTYPE>	-
<html>	lang="en"
<head>	-
<meta>	charset="UTF-8", name="viewport", content="width=device-width, initial-scale=1.0"
<title>	-
<body>	-
<h2>	-
	-
	-
	-
<strong>	-
<p>	-

Procedure

1. In notepad or any editor or IDE type the necessary code & save with the file name mentioned with .html extension display your time table.

2. To view your web page, simply double click your html file.

Courses in Winter 2024-2025

- Web Programming
- Design and Analysis of Algorithms
- Computer Architecture and Organization
- Theory of Computation
- Microprocessors and Microcontrollers
- Probability and Statistics
- Quantitative Skills

Programming Languages

1. Python - 8/10
2. Java - 6/10
3. C++ - 5/10
4. HTML/CSS - 4/10

Reviews

- **TV Show:** Breaking Bad

  An intense and gripping journey of a chemistry teacher turned drug lord. Exceptional storytelling and character development make it a masterpiece.

- **Book:** The Name of the Rose by Umberto Eco

  A captivating historical mystery set in a 14th-century monastery. Its rich detail and intellectual depth make it a profound reading experience.

- **TV Show:** Stranger Things

  A nostalgic trip back to the 80s with supernatural thrills and heartfelt friendships. A perfect blend of horror, adventure, and coming-of-age drama.

Result:

Thus, a web page was designed to display lists, reviews, and ratings, and the output was successfully verified.

Activity 3: Tables and Hyperlinks (table.html)

Aim:

Use the tables as depicts in the following figure

HTML tags need to be used

Tag	Attributes Used
<!DOCTYPE>	-
<html>	lang="en"
<head>	-
<meta>	charset="UTF-8", name="viewport", content="width=device-width, initial-scale=1.0"
<style>	-
<body>	-
<table>	-
<tr>	-
<td>	colspan, rowspan, class
<img>	src, alt
<a>	href

```html
<body>
    <table>
        <tr>
            <td colspan="2" rowspan="2">
                <img src="image1.jpg" alt="Image1">
            </td>
            <td class="filled"></td>
            <td rowspan="2" class="positive-text">
                You are capable of amazing things!
            </td>
            <td colspan="2" rowspan="2"></td>
        </tr>
        <tr>
            <td rowspan="2"><a href="mailto:keshav.gujrathi2023@vitstudent.ac.in">Email</a></td>
        </tr>
        <tr>
            <td colspan="2"><a href="home.html">Home</a></td>
            <td colspan="2"><a href="https://www.google.com/">
            <img src="image2.png" alt="Image as hyperlink">
         </a></td>
            <td></td>
        </tr>
        <tr>
            <td class="filled"></td>
            <td colspan="2" class="filled"></td>
            <td rowspan="2"></td>
            <td colspan="2"></td>
        </tr>
```

```html
            <td colspan="2" rowspan="2" class="filled"></td>
            <td colspan="2" class="positive-text">Believe in yourself!</td>
            <td rowspan="2" colspan="2" class="positive-text">You're doing great!</td>
        </tr>
        <tr>
            <td class="positive-text">Keep going!</td>
        </tr>
    </table>
</body>
</html>
```

Result:

Thus, a visually structured table incorporating images, hyperlinks, and motivational text was designed, and the output was successfully verified.