

Web Programming Lab (BCSE203E)

LAB – 1

HTML – Text, Image, Links

1) Design a webpage (home.html) with the following features

- a. Display your name in blue color using the Verdana font in the screen. Set the webpage title as "Welcome to my page - [Your Registration Number]".
- b. Print alphabets from A to F on the screen from the smallest to largest font, each letter styled with a different font and color.
- c. Display your first name in bold, middle name in italics and last name in underlined font format.
- d. Write and display two paragraphs that describes your ambition and hobbies.
Highlight the ambition text with a yellow background.
Italicize and bold the hobbies text.
- b. Add a comment line in your HTML code. Ensure it does not appear on the webpage.
- c. Display the following equations on the page:
$$(a-b)^2=a^2-2ab+b^2$$
$$2H_2+O_2=2H_2O$$
- d. Display a C program that prints your account number and balance (include the (Rs.) symbol.)
- e. Set an image as the background of the webpage
- f. Apply marquee to display your roll number
- g. Insert a passport sized image aligned to the right side of the screen
- h. Use a <div> tag to display two separate paragraphs.
- i. Create the link at the bottom of the page and move from bottom to top onclick
- j. Create a "mailto" link to any email-id
- k. Use acronym, meter, progress bar and summary tags on your page

Code:

Home.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <style>
        body {
            background-image: URL("../Assets/abstract-blurred-multi-
colored-background-generative-ai_169016-30200.avif");
            background-attachment: fixed;
            background-size: 100% 100%;
        }
    </style>
    <title>23BCE1087</title>
</head>
<body>
    <a id="top"></a>
    <font face = "Verdana" color = "Blue" > Madhan </font>
    <h6><font face = "Verdana" color = "Red" > A </font></h6>
    <h5><font face = "Verdana" color = "Orange" > B </font></h5>
    <h4><font face = "Verdana" color = "Yellow" > C </font></h4>
    <h3><font face = "Verdana" color = "Green" > D </font></h3>
    <h2><font face = "Verdana" color = "Blue" > E </font></h2>
    <h1><font face = "Verdana" color = "Purple" > F </font></h1>
    <B> Victor </B><i> Alius </i><u> Valtore </u>
    <p> My ambition is to become an aspiring <mark> cybersecurity
analyst</mark></p>
```

<p> My hobbies are <i>listening to music</i> and <i>Playing music</i></p>

<!--This line will not appear in the website-->

<P>(a-b)²=a²-2ab+b²</P>

<p>2H₂+O₂=2H₂O</p>

<pre>

<code>

```
#include <stdio.h>
```

```
int main(){
    printf("Account number : %d",AccNo);
    printf("Account balance : %f",Bal);
}
```

</code>

</pre>

<marquee> Roll number : 1087 </marquee>

<div>This is paragraph 1. This is some random lines inserted after the first line to make it look like a paragraph</div>

<div>This is paragraph 2. Again random lines blah blah blah</div>

Contact us

Click here

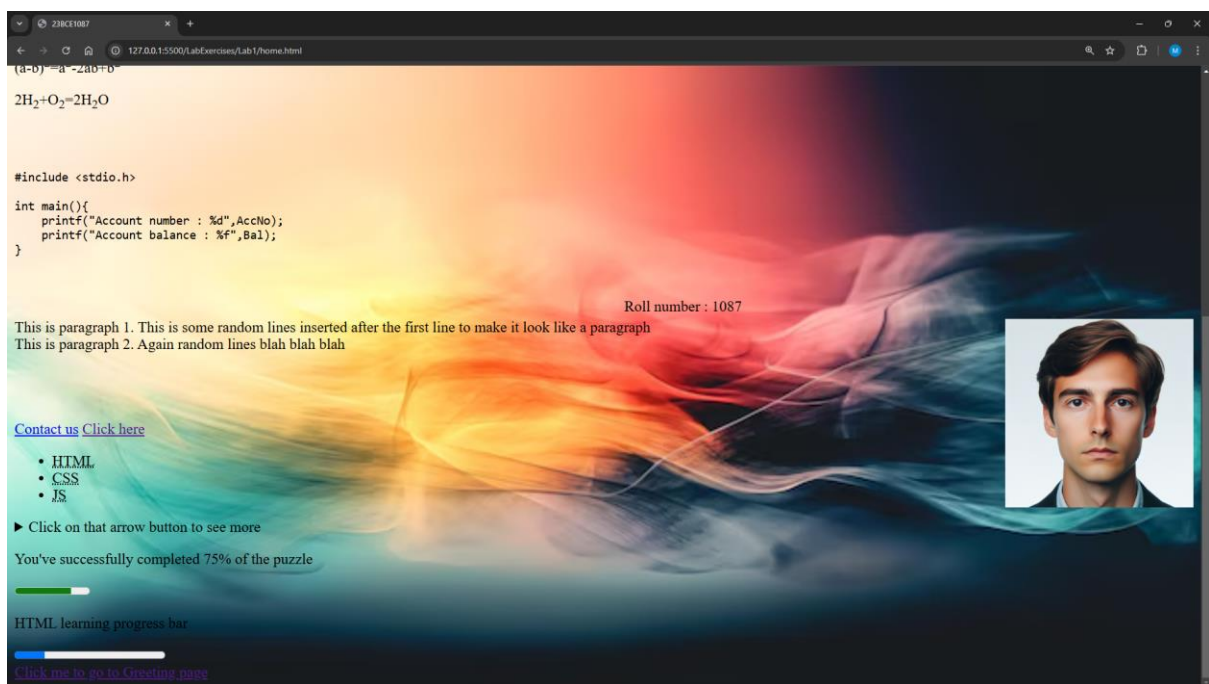
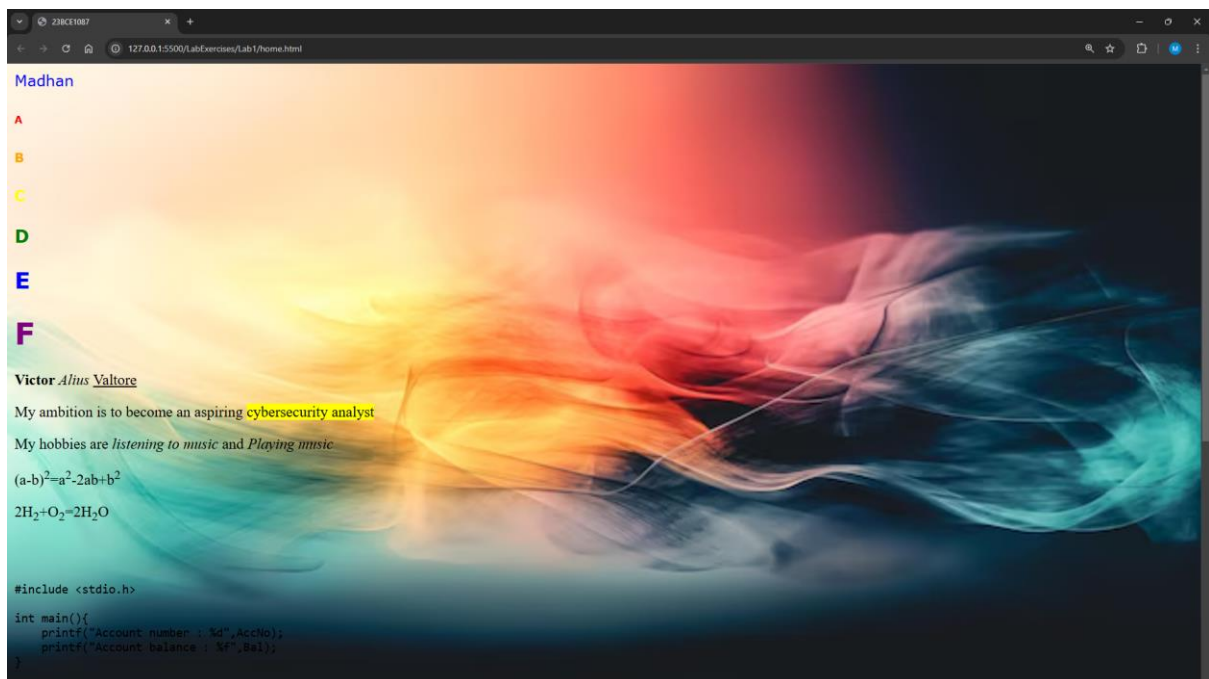
```
<br>
<ul>
    <li><abbr title="HyperText Markup
Language">HTML</abbr></li>
    <li><abbr title="Cascading Style Sheets">CSS</abbr></li>
    <li><abbr title="JavaScript">JS</abbr></li>
</ul>

<details>
    <summary>Click on that arrow button to see more</summary>
    <p>you have unlocked the secret passage. here is your key
"hcxa9q6hsi2" </p>
</details>

<p>You've successfully completed 75% of the puzzle</p>
<meter min="0" max="100" value="75">75%</meter>
<p>HTML learning progress bar</p>
<progress value="20" max="100"></progress>
<br>
<a href = "Greetings.html">Click me to go to Greeting page</a>

</body>
</html>
```

Output:



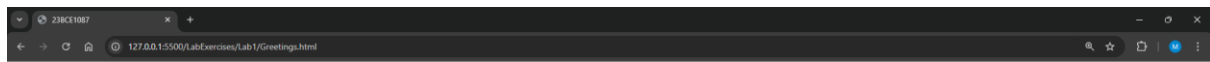
- 2) Design an E-Greeting page (greeting.html) that is properly aligned using semantic tags. Provide links from the home page to the greeting page and vice versa

Code:

Greeting.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>23BCE1087</title>
</head>
<body>
    <center>
        <main>
            <header>
                <h1>Welcome!</h1>
            </header>
            <section>
                <p>Wishing you a day filled with happiness and a year
filled with joy!</p>
                <p>Keep going with the spirits always being high!!
:)</p>
            </section>
            <footer>
                <a href="home.html">Go back to the Home Page</a>
            </footer>
        </main>
    </center>
</body>
</html>
```

Output:



Welcome!

Wishing you a day filled with happiness and a year filled with joy!

Keep going with the spirits always being high!! :)

[Go back to the Home Page](#)
