

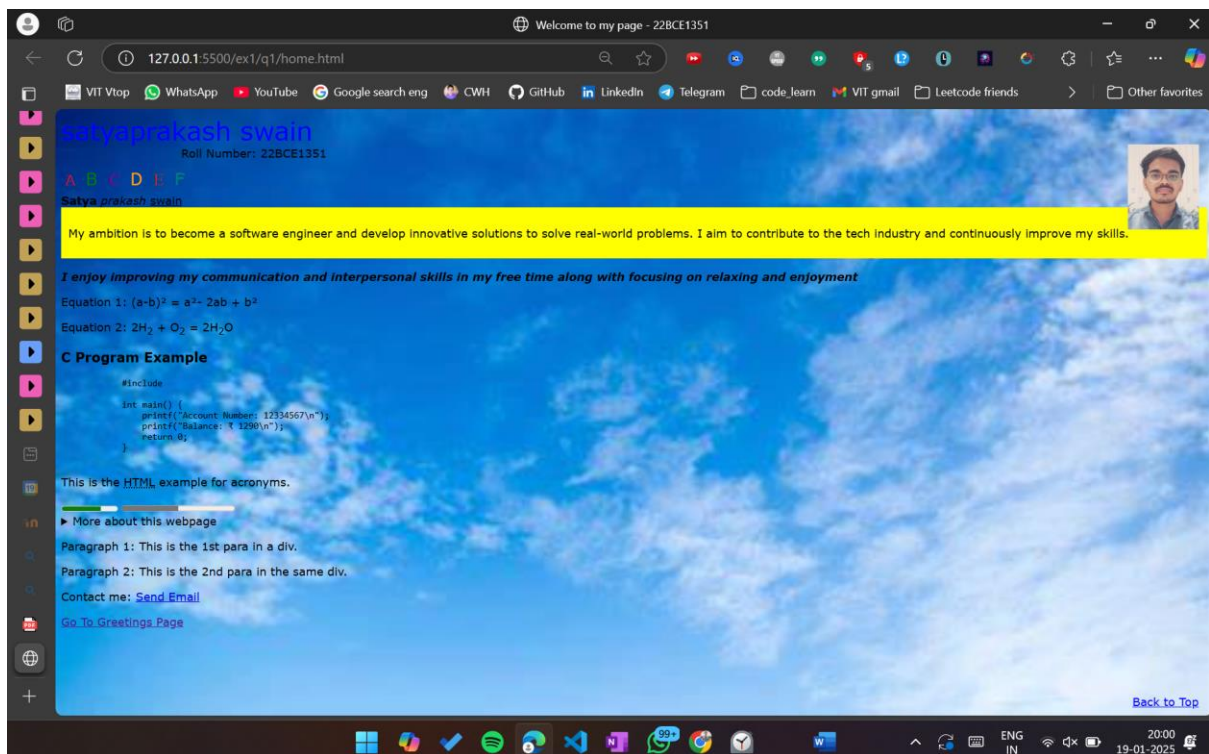
# Web Lab Exercise 1



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Professor	Jenila Livingston M
Subject	Web Programming
Slot	L15+L16+L19+L20
Venue	AB3 – 202

**Note: View your registration number in the title bar and snap a screenshot of output along with the title bar.**

- 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.
  - e. Add a comment line in your HTML code. Ensure it does not appear on the webpage.
  - f. Display the following equations on the page:
    - $(a-b)^2=a^2-2ab+b^2$
    - $2H_2+O_2=2H_2O$
  - g. Display a C program that prints your account number and balance (include the ₹ (Rs.) symbol.)
  - h. Set an image as the background of the webpage
  - i. Apply marquee to display your roll number
  - j. Insert a passport sized image aligned to the right side of the screen
  - k. Use a <div> tag to display two separate paragraphs.
  - l. Create the link at the bottom of the page and move from bottom to top onclick
  - m. Create a "mailto" link to any email-id
  - n. Use acronym, meter, progress bar and summary tags on your page



```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Welcome to my page - 22BCE1351</title>
  <style>
    body {
      background-image: url('background.jpg');
      background-size: cover;
      font-family: Verdana, Geneva, sans-serif;
    }

    .name {
      color: blue;
      font-family: Verdana, sans-serif;
      font-size: 36px;
    }

    .alphabet {
      display: inline-block;
      font-size: 24px;
      margin: 5px;
    }
  </style>

```

```
.a { font-family: 'Courier New', Courier, monospace; color: red; }
.b { font-family: 'Arial', sans-serif; color: green; }
.c { font-family: 'Georgia', serif; color: purple; }
.d { font-family: 'Tahoma', sans-serif; color: orange; }
.e { font-family: 'Times New Roman', Times, serif; color: brown; }
.f { font-family: 'Comic Sans MS', cursive, sans-serif; color: teal; }

.first-name {
    font-weight: bold;
}

.last-name {
    text-decoration: underline;
}

.ambition {
    background-color: yellow;
    padding: 10px;
}

.hobbies {
    font-style: italic;
    font-weight: bold;
}

.pass-img {
    position: absolute;
    top: 50px;
    right: 20px;
    width: 100px;
    height: 120px;
}

.bottom-link {
    position: fixed;
    bottom: 10px;
    right: 20px;
    font-size: 16px;
    color: blue;
    cursor: pointer;
}
</style>
</head>
<body>
    <div class="name">
        satyaprakash swain
    </div>
```

```
<marquee>Roll Number: 22BCE1351</marquee>
```

```

```

```
<div>
```

```
  <span class="alphabet a">A</span>
```

```
  <span class="alphabet b">B</span>
```

```
  <span class="alphabet c">C</span>
```

```
  <span class="alphabet d">D</span>
```

```
  <span class="alphabet e">E</span>
```

```
  <span class="alphabet f">F</span>
```

```
</div>
```

```
<div>
```

```
  <span class="first-name">Satya</span>
```

```
  <span class="middle-name" style="font-style: italic;">prakash</span>
```

```
  <span class="last-name">swain</span>
```

```
</div>
```

```
<div class="ambition">
```

```
  <p>My ambition is to become a software engineer and develop innovative  
solutions to solve real-world problems. I aim to contribute to the tech  
industry and continuously improve my skills. </p>
```

```
</div>
```

```
<div>
```

```
  <p class="hobbies">I enjoy improving my communication and  
interpersonal skills in my free time along with focusing on relaxing and  
enjoyment</p>
```

```
</div>
```

```
<div>
```

```
  <p>Equation 1:  $(a-b)^2 = a^2 - 2ab + b^2$ </p>
```

```
  <p>Equation 2:  $2H^2 + 0^2 = 2H^2 + 0$ </p>
```

```
</div>
```

```
<div>
```

```
  <h3>C Program Example</h3>
```

```
  <pre>
```

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

```
    int main() {
```

```
      printf("Account Number: 12334567\n");
```

```
      printf("Balance: ₹ 1290\n");
```

```
      return 0;
```

```
    }
```

```
  </pre>
```

```
</div>
```

```
<!-- this is a comment and will not be visible on the webpage -->
<div>
  <p>This is the <acronym title="HyperText Markup
Language">HTML</acronym> example for acronyms.</p>
  <meter value="0.7">70%</meter>
  <progress value="50" max="100"></progress>
  <details>
    <summary>More about this webpage</summary>
    <p>This page demonstrates various HTML features and CSS styling
techniques.</p>
  </details>
</div>

<div>
  <p>Paragraph 1: This is the 1st para in a div.</p>
  <p>Paragraph 2: This is the 2nd para in the same div.</p>
</div>

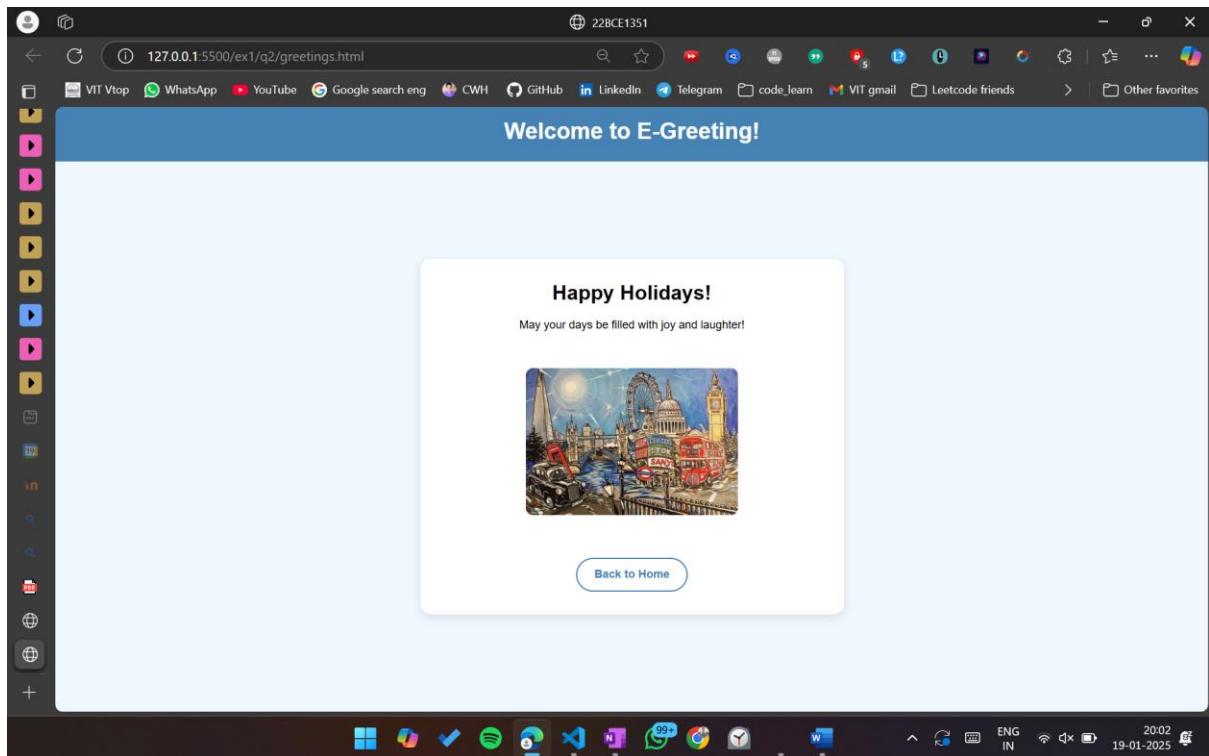
<a class="bottom-link" href="#top" onclick="window.scrollTo({top: 0,
behavior: 'smooth'});">Back to Top</a>

<p>Contact me: <a href="mailto:spswain2003.org@gmail.com">Send Email</a></p>

<a href="../q2/greetings.html">Go To Greetings Page</a>
</body>
</html>
```

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



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>22BCE1351</title>
  <style>
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    body {
      font-family: Arial, sans-serif;
      min-height: 100vh;
      background-color: #f0f8ff;
      display: flex;
      flex-direction: column;
    }
  </style>
</head>
```

```
.container {
  flex: 1;
  display: flex;
  justify-content: center;
  align-items: center;
  padding: 2rem;
}

header, footer {
  background-color: #4682b4;
  color: white;
  text-align: center;
  padding: 1rem;
  width: 100%;
}

main {
  background: white;
  box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
  border-radius: 15px;
  padding: 2rem;
  width: 90%;
  max-width: 600px;
  text-align: center;
}

h1 { font-size: 2rem; margin-bottom: 0.5rem; }
h2 { font-size: 1.8rem; margin-bottom: 1rem; }
p { margin-bottom: 1.5rem; line-height: 1.6; }

.greeting-image {
  width: 100%;
  max-width: 300px;
  height: auto;
  border-radius: 10px;
  margin: 1.5rem 0;
  object-fit: cover;
}

nav {
  margin-top: 2rem;
}

.button {
  display: inline-block;
  color: #4682b4;
  text-decoration: none;
  font-weight: bold;
```



```

        padding: 0.8rem 1.5rem;
        border: 2px solid #4682b4;
        border-radius: 25px;
        transition: all 0.3s ease;
    }

    .button:hover {
        background-color: #4682b4;
        color: white;
        transform: translateY(-2px);
    }

    @media (max-width: 480px) {
        .container { padding: 1rem; }
        main { padding: 1.5rem; }
        h1 { font-size: 1.5rem; }
        h2 { font-size: 1.3rem; }
    }
</style>
</head>
<body>
    <header>
        <h1>Welcome to E-Greeting!</h1>
    </header>

    <div class="container">
        <main>
            <h2>Happy Holidays!</h2>
            <p>May your days be filled with joy and laughter!</p>
            
            <nav>
                <a href="../q1/home.html" class="button">Back to Home</a>
            </nav>
        </main>
    </div>
</body>
</html>

```

Thank!  
You!