

WEB PROGRAMMING

ASSIGNMENT – 1A

REG.NO : 23BCE0365

NAME : SHANTANU BHAGWAT

| | |
|----------------------|--|
| 1. ACTIVITY 1 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |
| 2. ACTIVITY 2 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |
| 3. ACTIVITY 3 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |

ACTIVITY 1 QUESTION :-

Activity 1: Text formatting and images 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

WEB PAGE OUTPUT:-

The screenshot shows a Microsoft Edge browser window with the following details:

- Address Bar:** C:/Users/bhagw/Desktop/Web%20Programming/assign1Aact1.html
- Content Area:**
 - Name:** SHANTANU BHAGWAT (displayed in green)
 - Section:** WEB PROGRAMMING (displayed in blue)
 - Image:** A small profile picture of a man with glasses and dark hair.
 - Text:** I am a web developer with a keen interest in creating dynamic and responsive web applications. I enjoy working with HTML, CSS, and JavaScript to build engaging user experiences. Learning new technologies and applying them creatively is my passion.
 - Text:** Outside of work, I am deeply interested in **artificial intelligence** and its applications in solving real-world problems. I believe in continuous learning and improving every day. My goal is to use technology to make a *positive impact* on society.
 - Text:** I also love teaching and sharing knowledge with others. Over the years, I have conducted several workshops on web development. My mission is to help others grow and achieve their dreams. **Empathy** and **collaboration** are values that I live by.
- Bottom Status Bar:** Shows weather (78°F, mostly cloudy), system icons (Windows Start, Task View, File Explorer, etc.), network status, battery level, and date/time (19-01-2025).

SHANTANU BHAGWAT

WEB PROGRAMMING



I am a web developer with a keen interest in creating dynamic and responsive web applications. I enjoy working with HTML, CSS, and JavaScript to build engaging user experiences. Learning new technologies and applying them creatively is my passion.

Outside of work, I am deeply interested in **artificial intelligence** and its applications in solving real-world problems. I believe in continuous learning and improving every day. My goal is to use technology to make a *positive impact* on society.

I also love teaching and sharing knowledge with others. Over the years, I have conducted several workshops on web development. My mission is to help others grow and achieve their dreams. **Empathy** and **collaboration** are values that I live by.

CODE:-

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>About Me</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f8ff;
      color: #333;
    }
    h1 {
      color: #2e8b57;
    }
    h2 {
      font-style: italic;
      color: #4682b4;
    }
    p {
      text-align: justify;
    }
    img {
      float: left;
      margin-right: 15px;
      border-radius: 10px;
      width: 150px;
      height: auto;
    }
    .highlight {
      font-weight: bold;
      color: #d2691e;
    }
  </style>
</head>
<body>
```

```
<h1>SHANTANU BHAGWAT</h1>
  <h2>WEB PROGRAMMING</h2>
  <p> I am a web
and developer with a keen interest in creating dynamic
HTML, responsive web applications. I enjoy working with
experiences.
    <strong>Learning</strong> new technologies
    and applying them creatively is my passion.
    <p>Outside of work, I am deeply interested in
    <strong>artificial intelligence</strong> and its
    applications in solving real-world problems. I
believe in continuous learning and improving every day. My
goal is to use technology to make a <em>positive impact</em>
on
society.
</p>
<p>I also love teaching and sharing knowledge
with others. Over the years, I have conducted
several workshops on web development. My mission is to
help others
grow and achieve their dreams.
<span class="highlight">Empathy</span> and
<strong>collaboration</strong> are values that I
live by.</p>
</body>
</html>
```

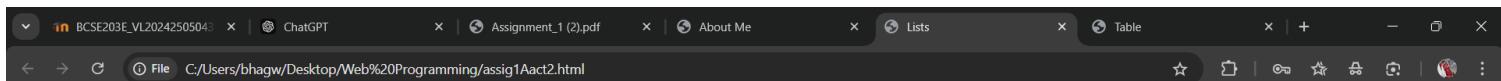
ACTIVITY 2 QUESTION :-

Activity 2:

List (list.html) 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.

WEB PAGE OUTPUT:-



Lists

Courses in Winter 2024-2025

- Web Programming
 - Database Systems
 - Artificial Intelligence
 - Machine Learning

Programming Languages

1. Python - 9/10
 2. JavaScript - 8/10
 3. C++ - 7/10

Favorite Movies/Books/Shows

- **Movie:** Inception - A mind-bending thriller that explores dreams within dreams.
 - **Book:** 1984 by George Orwell - A dystopian classic that delves into authoritarianism.
 - **Show:** Breaking Bad - A gripping tale of transformation and moral ambiguity.

Lists

Courses in Winter 2024-2025

- Web Programming
- Database Systems
- Artificial Intelligence
- Machine Learning

Programming Languages

1. Python - 9/10
2. JavaScript - 8/10
3. C++ - 7/10

Favorite Movies/Books/Shows

- **Movie:** Inception - A mind-bending thriller that explores dreams within dreams.
- **Book:** 1984 by George Orwell - A dystopian classic that delves into authoritarianism.
- **Show:** Breaking Bad - A gripping tale of transformation and moral ambiguity.

CODE:-

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Lists</title>
</head>
<body>
  <h1>Lists</h1>
  <h2>Courses in Winter 2024-2025</h2>
  <ul>
    <li>Web Programming</li>
    <li>Database Systems</li>
    <li>Artificial Intelligence</li>
    <li>Machine Learning</li>
  </ul>
  <h2>Programming Languages</h2>
  <ol>
    <li>Python - 9/10</li>
    <li>JavaScript - 8/10</li>
    <li>C++ - 7/10</li>
  </ol>
  <h2>Favorite Movies/Books/Shows</h2>
  <ul>
    <li><strong>Movie:</strong> Inception - A mind-
bending thriller that explores dreams within dreams.</li>
    <li><strong>Book:</strong> 1984 by George Orwell -
A dystopian classic that delves into
authoritarianism.</li>
    <li><strong>Show:</strong> Breaking Bad - A
gripping tale of transformation and moral ambiguity.</li>
  </ul>
</body>
</html>
```

ACTIVITY 3 QUESTION:-

Activity 3: Tables and Hyperlinks (table.html)

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

WEB PAGE OUTPUT:-

Table with Links and Colors

| | | | |
|---|------------------------|--|----------------------|
|  | | Email: example@example.com | Home |
| | Positive Affirmation 1 | | |
| Positive Affirmation 2 | | Home | |
| Positive Affirmation 3 | |  | |

Table with Links and Colors

| | | | |
|---|------------------------|--|----------------------|
|  | | Email: example@example.com | Home |
| | Positive Affirmation 1 | | |
| Positive Affirmation 2 | | | Home |
| Positive Affirmation 3 | |  | |

CODE:-

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Table</title>
  <style>
    table {
      width: 100%;
      border-collapse: collapse;
    }
    th, td {
      border: 1px solid #ccc;
      padding: 10px;
      text-align: center;
    }
    .highlight {
      background-color: #add8e6;
    }
    #hello{
      height: 100px;
      width: 100px;
    }
  </style>
</head>
<body>
  <h1>Table with Links and Colors</h1>
  <table>
    <tr>
```

```
<td></td>  
    <td></td>  
    <td class="highlight">Email: <a  
href="mailto:example@example.com">example@example.com<  
/a></td>  
    <td><a href="home.html">Home</a></td>  
</tr>  
<tr>  
    <td></td>  
    <td class="highlight">Positive Affirmation  
</td>  
</tr>  
<tr>  
    <td class="highlight">Positive Affirmation  
</td>  
    <td><a href="home.html">Home</a></td>  
</tr>  
<tr>  
    <td class="highlight">Positive Affirmation  
</td>  
    <td><a href="https://example.com"></a></td>  
</tr>  
</table>  
</body>  
</html>
```

!!! THANK YOU !!!

WEB PROGRAMMING

ASSIGNMENT – 1B

REG.NO : 23BCE0365

NAME : SHANTANU BHAGWAT

Activity 4 :-

Trace the output for the following elements and infer the similarities and differences

Trace the output for the following elements and infer the similarities and differences

1. Div and span

| Screenshot code | Screenshot output |
|---|------------------------|
| <Paste screenshot code> | <Paste screenshot O/P> |
|  | |
| Div – Block-level element that takes full width and creates new lines Span – Inline element that only takes necessary space and flows within text Inference - Divs are used for layout sections while spans are for inline text styling | |

2. Div and section

| Screenshot code | Screenshot output |
|---|------------------------|
| <Paste screenshot code> | <Paste screenshot O/P> |
|  | |

Div — Generic container with no semantic meaning
 Section — Semantic container that represents a thematic grouping of content
 Inference • Section should be used when content is thematically related, e.g. fat

3. Paragraph and article

| Screenshot code | Screenshot output |
|---|--|
| <Paste screenshot codes>  | <Paste screenshot O/P>  |

Paragraph — Represents a block of text
 Article — Self-contained composition that can include multiple paragraphs
 Inference • Articles are used for complex content pieces where paragraphs are for text blocks

4. Navigation and anchor

| Screenshot code | Screenshot output |
|--|--|
| <Paste screenshot code>  | <Paste screenshot O/P>  |

Navigation — Container element for major navigation blocks
 Anchor — Element used to define multiple anchors for a single navigation link

5. Figure and image

| Screenshot code | Screenshot output |
|-----------------|-------------------|
|-----------------|-------------------|

| | |
|---|-------------------------------------|
| <pre>< <html> <head> <title>Figure and Image Example</title> </head> <body> <h2>Figure and Image Example</h2> <caption>This is an image caption</caption> </body> </html></pre> | <p><Paste screenshot O/P></p> |
|---|-------------------------------------|

Figure – Container for illustrations, diagrams, , code listings

Image – Represents a single image

Inference - Figure adds context and can include captions to images

6. Label and legends

| Screenshot code | Screenshot output |
|---|-------------------------------------|
| <p><Paste screenshot code></p> <pre>< <html> <head> <title>Label and Legend Example</title> </head> <body> <form> <label>Personal Info</label> </form> </body> </html></pre> | <p><Paste screenshot O/P></p> |

Label – Associates text with form inputs

Legends – Provides caption for fieldset elements

Inference - Both provide descriptive text but serve different structural purposes

7. Strong vs bold vs emphasis tag

<Paste screenshot code>



The screenshot shows a browser window with two panes. The left pane displays the source code of an HTML file named 'test.html'. The right pane shows the rendered output of the code.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Test Emphasis Example</title>
</head>
<body>
<p>
    Normal text
    <strong>Strong text</strong>
    <b>Bold text</b>
    <em>Emphasized text</em>
</p>
</body>
</html>
```

The rendered output on the right shows the text "Normal text" in a standard font. The word "Strong" is displayed in bold, italicized font, indicating both semantic importance and visual styling. The word "Bold" is displayed in a large, bold, black font, representing purely visual styling.

Strong– Indicates strong importance (semantic)

Emphasis– Visual styling only (presentational)

Bold- Stressed emphasis (semantic)

Inference - Strong and emphasis carry semantic meaning while bold is purely visual

Activity 5 :

- Create a GitHub repository and upload all your web pages.
 - Prepare a video report about Hosting Website on GitHub (Max 3 Mins)
- Note: Use the video in the Activity 8 and embed the same in your website

LINK OF GOOGLE DRIVE FOR THE VIDEO:-

https://drive.google.com/drive/folders/1jiSCOvH6cNBjYgMliXzAkMJJF-Ig2--?usp=drive_link

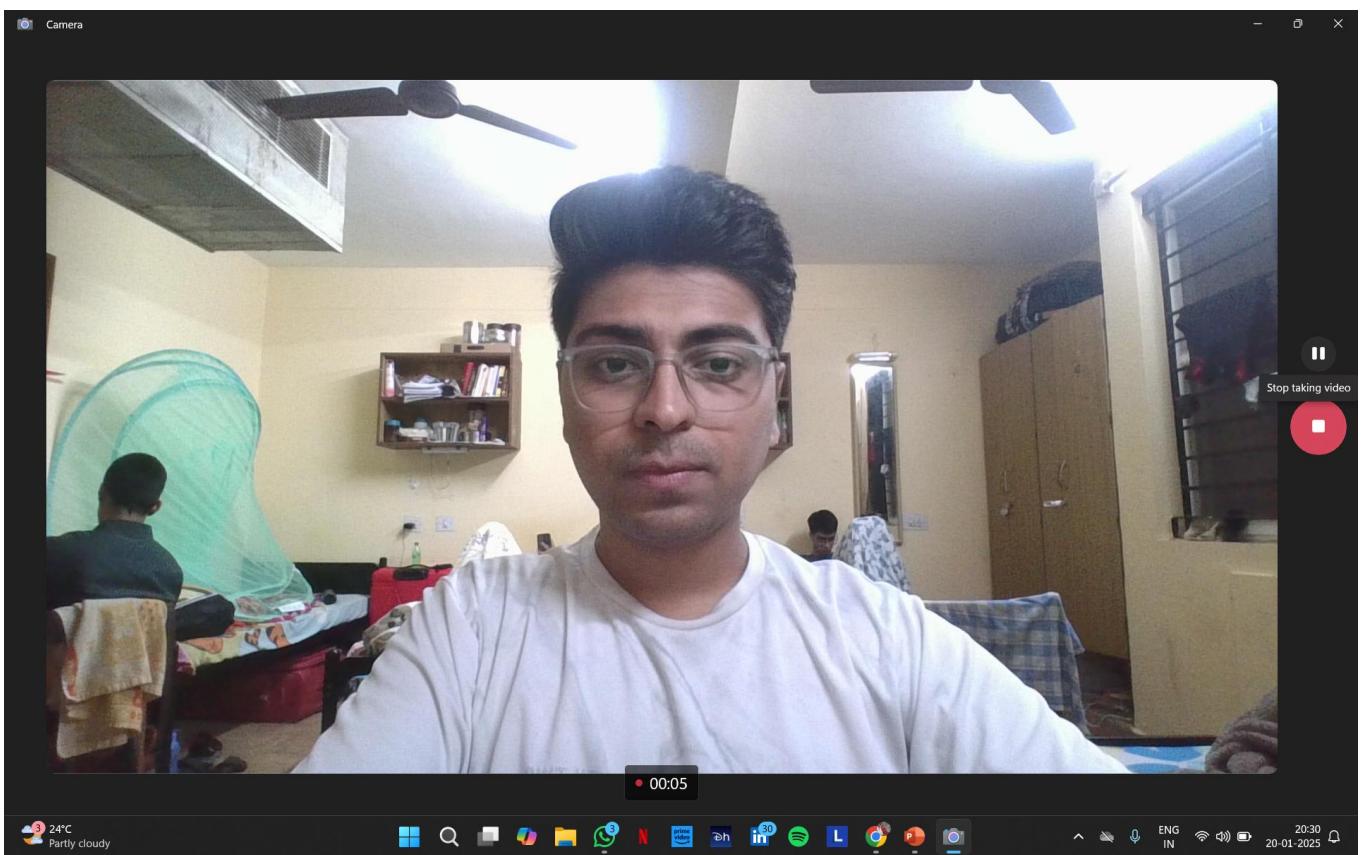
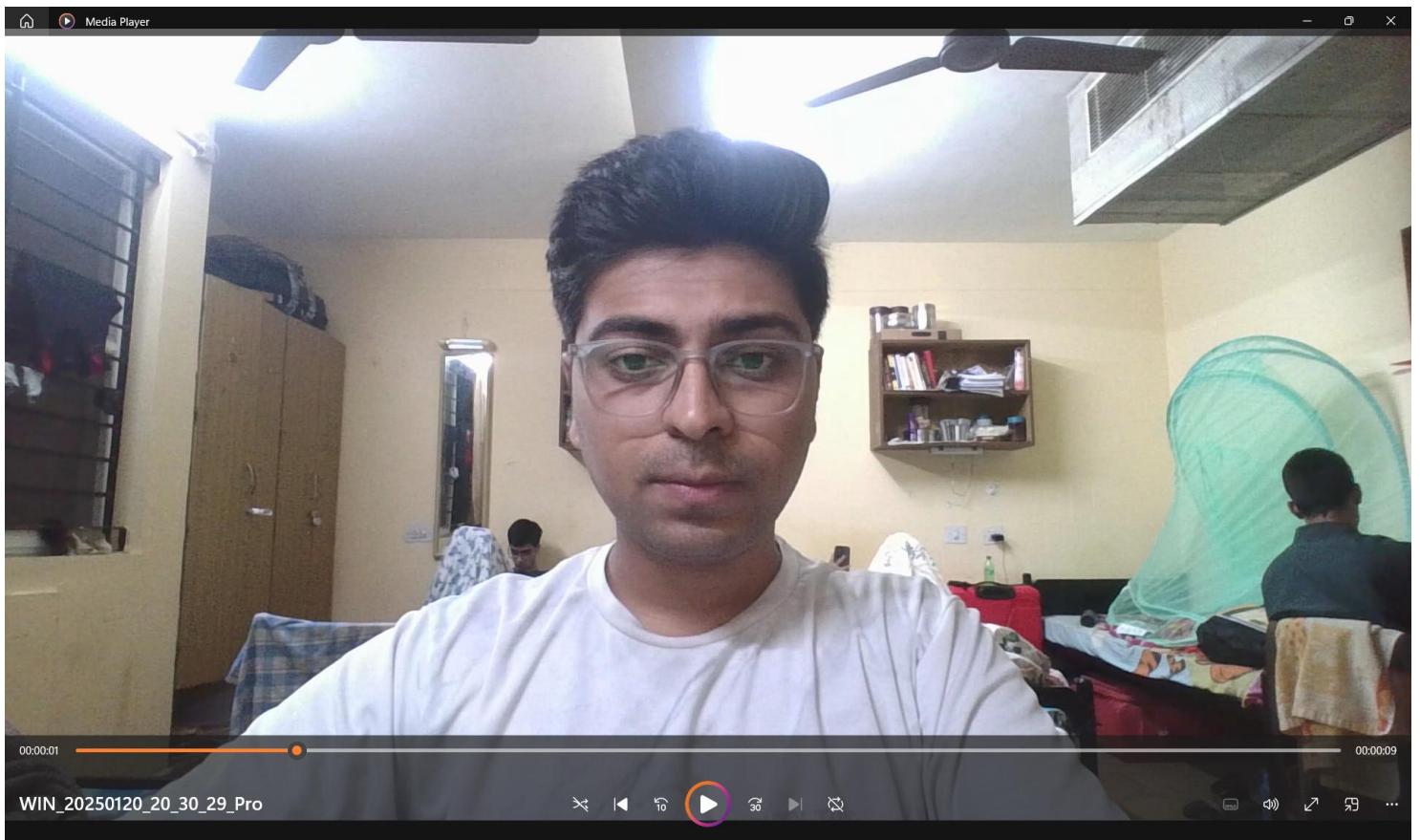
LINK OF GIT HUB REPOSITORY:-

<https://github.com/ShantanuBhagwat/Web-Programming.git>

The screenshot shows a GitHub repository page for 'Web-Programming'. The repository is public and has 1 branch and 0 tags. The main file listed is 'main'. The repository was created by ShantanuBhagwat 31 minutes ago. The repository contains 5 commits. The commit history includes:

- assign2act12 (Add files via upload, 38 minutes ago)
- 2.css (Add files via upload, 31 minutes ago)
- 23BCE0365_assig_1A.pdf (Add files via upload, 47 minutes ago)
- 23BCE0365_assig_1B.pdf (Add files via upload, 47 minutes ago)
- 23BCE0365_assig_1C.pdf (Add files via upload, 47 minutes ago)
- 23BCE0365_assig_2A.pdf (Add files via upload, 47 minutes ago)
- 23BCE0365_assig_2B.pdf (Add files via upload, 47 minutes ago)
- README.md (Initial commit, 48 minutes ago)
- activity9.html (Add files via upload, 45 minutes ago)
- assi1act6.html (Add files via upload, 45 minutes ago)
- assi1act6form2.html (Add files via upload, 45 minutes ago)
- assi1act7.html (Add files via upload, 45 minutes ago)
- assi1act8.html (Add files via upload, 45 minutes ago)
- assi1act2.html (Add files via upload, 45 minutes ago)
- assi1act3.html (Add files via upload, 45 minutes ago)
- assign1act1.html (Add files via upload, 45 minutes ago)
- assign2act11.html (Add files via upload, 45 minutes ago)
- assign2act12.html (Add files via upload, 45 minutes ago)
- assignment2A.html (Add files via upload, 45 minutes ago)

The repository has 0 stars, 1 watching, and 0 forks. It also has 0 releases published. The languages used are HTML (99.4%) and CSS (0.6%). Suggested workflows include 'Jekyll using Docker image' and 'SLSA Generic generator'.



WEB PROGRAMMING

ASSIGNMENT – 1C

REG.NO : 23BCE0365

NAME : SHANTANU BHAGWAT

| | |
|-----------------------------|--|
| 1. ACTIVITY 6 Form 1 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |
| 2. ACTIVITY 6 Form 2 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |
| 3. ACTIVITY 7 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |
| 4. ACTIVITY 8 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |

ACTIVITY 6 QUESTION 1:-

Activity 6: HML forms

Design a web page to receive input from the user using form fields of your choice. The form fields should include the following

Form 1:

Signup details and sign in (input type – text box (character, email id, password), checkbox, button)

The image shows two separate form prototypes. The left form is titled "Sign Up" and contains fields for "Username", "Email Address", "Password", and "Confirm Password". It also includes a checkbox for accepting terms and a "Sign Up" button. The right form is titled "Login" and contains fields for "Email" and "Password", along with a "Show Password" checkbox and a "SIGN IN" button.

- Use *action* attribute to link between the sign-up and sign-in

WEB PAGE OUTPUT:-

A screenshot of a browser window showing the "Sign Up" and "Login" forms. The "Sign Up" form on the left has fields for Username (SHANTANUBHAGWAT), Email Address (bhagwatshantanu916@gmail.com), Password, Confirm Password, and a checked checkbox for accepting terms. The "Login" form on the right has fields for Email (bhagwatshantanu916@gmail.com) and Password, a checked "Show Password" checkbox, and a "Sign In" button. Below the "Sign In" button are links for "Forgot Username/Password?" and "Don't have an account? Sign Up".

Sign Up

Username

SHANTANUBHAGWAT

Email Address

bhagwatshantanu916@gmail.com

Password

.....

Confirm Password

.....

I accept the Terms of Use & Privacy Policy

Sign Up

Login

Email

bhagwatshantanu916@gmail.com

Password

.....

Show Password

Sign In

[Forgot Username/Password?](#)
[Don't have an account? Sign Up](#)

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Sign Up and Login</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 20px;
    }
    .form-container {
      display: flex;
      justify-content: space-between;
      max-width: 800px;
      margin: auto;
    }
    .form-box {
      border: 1px solid #ddd;
      padding: 20px;
      border-radius: 5px;
      width: 45%;
    }
    .form-box h2 {
      margin-bottom: 20px;
    }
    .form-box label {
      display: block;
      margin-bottom: 8px;
      font-weight: bold;
    }
  </style>

```

```
}

.form-box input[type="text"],
.form-box input[type="email"],
.form-box input[type="password"] {
    width: 100%;
    padding: 8px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
.form-box input[type="checkbox"] {
    margin-right: 5px;
}
.form-box button {
    padding: 10px 15px;
    background-color: #28a745;
    color: white;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
.form-box button:hover {
    background-color: #218838;
}
.link {
    text-align: center;
    margin-top: 10px;
}
.link a {
    color: #007bff;
    text-decoration: none;
}
.link a:hover {
    text-decoration: underline;
}

```

</style>

```
</head>
<body>
<div class="form-container">
    <!-- Sign-Up Form -->
    <div class="form-box">
        <h2>Sign Up</h2>
        <form action="login.html">
            <label for="username">Username</label>
            <input type="text" id="username" name="username" required>
                <label for="email">Email Address</label>
                <input type="email" id="email" name="email" required>
                    <label for="password">Password</label>
                    <input type="password" id="password" name="password" required>

```

```
<label for="confirm-password">Confirm Password</label>
    <input type="password" id="confirm-
password" name="confirm-password" required>
        <label>
            <input type="checkbox" name="terms"
required> I accept the Terms of Use & Privacy Policy
        </label>
            <button type="submit">Sign Up</button>
        </form>
    </div>

<!-- Login Form -->
<div class="form-box">
    <h2>Login</h2>
    <form action="signup.html">
        <label for="login-email">Email</label>
        <input type="email" id="login-email"
name="email" required>
            <label for="login-
password">Password</label>
            <input type="password" id="login-password"
name="password" required>
            <label>
                <input type="checkbox"
name="remember"> Show Password
            </label>
            <button type="submit">Sign In</button>
            <div class="link">
                <a href="#">Forgot
Username/Password?</a><br>
                <a href="signup.html">Don't have an
account? Sign Up</a>
            </div>
        </form>
    </div>
</body>
</html>
```

ACTIVITY 6 QUESTION 2 :-

Form 2:

Design a web page for enabling all the HTML 5 elements and choose appropriate attribute for the following

- Text box
- Radio Buttons
- Check Boxes
- Selection Box of size 3 (i.e. a Scrolled Selection Box)
- Option Box
- TextArea Box
- Label

- Fieldset
- Legend
- Datalist
- Include as of your choice

WEB PAGE OUTPUT:-

The screenshot shows a web browser window with multiple tabs open at the top. The active tab is titled "HTML5 Elements". The main content area displays a form titled "HTML5 Elements Form" containing the following fields:

- Text Box:** A text input field with placeholder text "Enter text here".
- Radio Buttons:** Three radio buttons labeled "Option 1", "Option 2", and "Option 3". The first option is selected (radio button is filled).
- Check Boxes:** Three check boxes labeled "Option A", "Option B", and "Option C". Only the first option is checked (checkbox has a checked attribute).
- Selection Box (size 3):** A scrollable list box containing four items: "Item 1", "Item 2", "Item 3", and "Item 4". The first item is selected.
- Option Box:** A dropdown menu with three options: "Choice 1", "Choice 2", and "Choice 3". The third option is selected.
- Text Area:** A multi-line text input field with placeholder text "Enter your comments".

At the bottom of the form is a blue "Submit" button.

HTML5 Elements Form

Text Box

Enter text here

Radio Buttons



Option 1



Option 2



Option 3

Check Boxes



Option A



Option B



Option C

Selection Box (size 3)

Item 1

Item 2

Item 3

Item 4

Option Box

Choice 3



Text Area

Enter your comments

Submit

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>HTML5 Elements Form</title>
<style>
  body {
    font-family: Arial, sans-serif;
    margin: 20px;
  }
  .form-box {
    max-width: 600px;
    margin: auto;
    border: 1px solid #ddd;
    padding: 20px;
    border-radius: 5px;
  }
  .form-box h2 {
    margin-bottom: 20px;
  }
  .form-box label {
    display: block;
    margin-bottom: 8px;
    font-weight: bold;
  }
  .form-box input,
  .form-box select,
  .form-box textarea {
    width: 100%;
    padding: 8px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 5px;
  }
  .form-box textarea {
    resize: none;
  }
  .form-box fieldset {
    border: 1px solid #ccc;
    margin-bottom: 15px;
    padding: 10px;
  }
  .form-box legend {
    font-weight: bold;
  }
  .form-box button {
    padding: 10px 15px;
    background-color: #007bff;
    color: white;
    border: none;
    border-radius: 5px;
    cursor: pointer;
  }
  .form-box button:hover {
    background-color: #0056b3;
  }
}
```

```
</style>
</head>
<body>
  <div class="form-box">
    <h2>HTML5 Elements Form</h2>
    <form>
      <label for="textbox">Text Box</label>
      <input type="text" id="textbox" name="textbox"
placeholder="Enter text here">

      <fieldset>
        <legend>Radio Buttons</legend>
        <label><input type="radio" name="radio"
value="option1"> Option 1</label>
        <label><input type="radio" name="radio"
value="option2"> Option 2</label>
        <label><input type="radio" name="radio"
value="option3"> Option 3</label>
      </fieldset>

      <fieldset>
        <legend>Check Boxes</legend>
        <label><input type="checkbox"
name="checkbox1"> Option A</label>
        <label><input type="checkbox"
name="checkbox2"> Option B</label>
        <label><input type="checkbox"
name="checkbox3"> Option C</label>
      </fieldset>

      <label for="scroll-box">Selection Box (size
3)</label>
      <select id="scroll-box" name="scroll-box"
size="3">
        <option value="item1">Item 1</option>
        <option value="item2">Item 2</option>
        <option value="item3">Item 3</option>
        <option value="item4">Item 4</option>
      </select>

      <label for="option-box">Option Box</label>
      <select id="option-box" name="option-box">
        <option value="choice1">Choice 1</option>
        <option value="choice2">Choice 2</option>
        <option value="choice3">Choice 3</option>
      </select>

      <label for="textarea">Text Area</label>
      <textarea id="textarea" name="textarea"
rows="4" placeholder="Enter your comments"></textarea>

      <button type="submit">Submit</button>
    </form>
  </div>
</body>
</html>
```

ACTIVITY 7 QUESTION:-

Activity 7: Incorporate HTML Block and Inline Elements in the existing “activity 1”.

WEB PAGE OUTPUT:-

SHANTANU BHAGWAT

"Passionate about Web Development and Technology"

Hello, my name is **SHANTANU BHAGWAT**. I am a web developer with a keen interest in creating dynamic and responsive web applications. I enjoy working with HTML, CSS, and JavaScript to build engaging user experiences. **Learning** new technologies and applying them creatively is my passion.

Outside of work, I am deeply interested in **artificial intelligence** and its applications in solving real-world problems. I believe in continuous learning and improving every day. My goal is to use technology to make a *positive impact* on society.

I also love teaching and sharing knowledge with others. Over the years, I have conducted several workshops on web development. My mission is to help others grow and achieve their dreams. **Empathy** and **collaboration** are values that I live by.

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SHANTANU BHAGWAT

"Passionate about Web Development and Technology"

Hello, my name is **SHANTANU BHAGWAT**. I am a web developer with a keen interest in creating dynamic and responsive web applications. I enjoy working with HTML, CSS, and JavaScript to build engaging user experiences. **Learning** new technologies and applying them creatively is my passion.

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CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>About Me</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      line-height: 1.6;
      margin: 20px;
      color: #333;
    }
    header {
      text-align: center;
      background-color: #f0f8ff;
      padding: 20px;
      margin-bottom: 20px;
    }
    header h1 {
      font-size: 2.5em;
      color: #4CAF50;
    }
    header h2 {
      font-size: 1.5em;
      color: #555;
      font-style: italic;
    }
    .content {
      display: flex;
      gap: 20px;
    }
    .content img {
      width: 250px;
      height: auto;
      border-radius: 1px;
    }
    .content div {
      background-color: #fff5e6;
      padding: 15px;
      border-radius: 5px;
      flex: 1;
    }
    p {
      text-align: justify;
      color: #444;
    }
    p .highlight {
      font-weight: bold;
      color: #ff5733;
    }
    p strong {
      font-weight: bold;
      color: #007bff;
    }
```

```
        p em {
            font-style: italic;
            color: #555;
        }
        footer {
            text-align: center;
            margin-top: 20px;
            background-color: #4CAF50;
            color: white;
            padding: 10px;
        }
    
```

</style>

</head>

<body>

<!-- Header Section -->

<header>

<h1>SHANTANU BHAGWAT</h1>

<h2>"Passionate about Web Development and Technology"</h2>

</header>

<!-- Content Section -->

<div class="content">

<!-- Image -->

<!-- Description -->

<div>

<p>Hello, my name is SHANTANU BHAGWAT. I am a web developer with a keen interest in creating dynamic and responsive web applications. I enjoy working with HTML, CSS, and JavaScript to build engaging user experiences. Learning new technologies and applying them creatively is my passion.</p>

<p>Outside of work, I am deeply interested in artificial intelligence and its applications in solving real-world problems. I believe in continuous learning and improving every day. My goal is to use technology to make a positive impact on society.</p>

</p>

</div>

<p>I also love teaching and sharing knowledge with others. Over the years, I have conducted several workshops on web development. My mission is to help others grow and achieve their dreams. Empathy and collaboration are values that I live by.</p>

</div>

</div>

</body>

</html>

ACTIVITY 8 QUESTION:-

Activity 8: Semantic html

Design a web page of your choice “*myindex.html*” and include the following information as follows.

- Home Page - Short Descriptions about your theme.
- Navigation page- include all the activity listed in assignment 1A ,1B, and 1C
- Blog Page – Photos/ videos/ hyperlinks
- Contact us – Use your intuitive approach and add the form fields for a contact us page in the footer.

WEB PAGE OUTPUT:-

Welcome to My Website

This is a demo website showcasing various HTML5 activities and features.

[Home](#) [Navigation](#) [Blog](#) [Contact Us](#)

About the Theme

The theme of this website demonstrates HTML5's semantic elements and modern web design practices.

Navigation

Below are the activities listed in assignments:

- Activity 1A: Basic HTML structure
- Activity 1B: Using CSS for styling
- Activity 1C: Adding JavaScript interactions

Blog

Introduction to HTML5

HTML5 introduces semantic elements that help structure web pages better for both developers and search engines.

[Read More](#)

CSS Basics

Learn how to style your HTML elements effectively with CSS.

[Read More](#)

Contact Us

Name

Email

Message

Finance headline
India reported 9....

17:27 19-01-2025

Welcome to My Website

This is a demo website showcasing various HTML5 activities and features.

[Home](#) [Navigation](#) [Blog](#) [Contact Us](#)

About the Theme

The theme of this website demonstrates HTML5's semantic elements and modern web design practices.

Navigation

Below are the activities listed in assignments:

- Activity 1A: Basic HTML structure
- Activity 1B: Using CSS for styling
- Activity 1C: Adding JavaScript interactions

Blog

Introduction to HTML5

HTML5 introduces semantic elements that help structure web pages better for both developers and search engines.

[Read More](#)

CSS Basics

Learn how to style your HTML elements effectively with CSS.

[Read More](#)

CSS Basics

Learn how to style your HTML elements effectively with CSS.

[Read More](#)

Contact Us

Name

Email

Message

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>My Website</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
            line-height: 1.6;
        }
        header, nav, section, footer {
            margin-bottom: 20px;
        }
        nav ul {
            list-style: none;
            padding: 0;
        }
        nav ul li {
            display: inline;
            margin-right: 15px;
        }
        nav ul li a {
            text-decoration: none;
            color: #007bff;
        }
        nav ul li a:hover {
            text-decoration: underline;
        }
        footer {
            background-color: #f8f9fa;
            text-align: center;
            padding: 10px;
            border-top: 1px solid #ddd;
        }
        .section {
            margin-top: 20px;
        }
        .blog-post {
            margin-bottom: 15px;
        }
    </style></head>
<body>
    <!-- Header -->
    <header>
        <h1>Welcome to My Website</h1>
        <p>This is a demo website showcasing various HTML5
activities and features.</p>
    </header>
    <!-- Navigation -->
    <nav>
        <ul>
```

```
<li><a href="#home">Home</a></li>
    <li><a href="#navigation">Navigation</a></li>
    <li><a href="#blog">Blog</a></li>
    <li><a href="#contact">Contact Us</a></li>
</ul>
</nav>


<section id="home" class="section">
    <h2>About the Theme</h2>
    <p>The theme of this website demonstrates HTML5's semantic elements and modern web design practices.</p>
</section>


<section id="navigation" class="section">
    <h2>Navigation</h2>
    <p>Below are the activities listed in assignments:</p>
    <ul>
        <li>Activity 1A: Basic HTML structure</li>
        <li>Activity 1B: Using CSS for styling</li>
        <li>Activity 1C: Adding JavaScript interactions</li>
    </ul>
</section>


<section id="blog" class="section">
    <h2>Blog</h2>
    <div class="blog-post">
        <h3>Introduction to HTML5</h3>
        <p>HTML5 introduces semantic elements that help structure web pages better for both developers and search engines.</p>
        <a href="https://developer.mozilla.org/en-US/docs/Web/HTML" target="_blank">Read More</a>
    </div>
    <div class="blog-post">
        <h3>CSS Basics</h3>
        <p>Learn how to style your HTML elements effectively with CSS.</p>
        <a href="https://developer.mozilla.org/en-US/docs/Web/CSS" target="_blank">Read More</a>
    </div>
</section>


<section id="contact" class="section">
    <h2>Contact Us</h2>
    <form>
        <label for="name">Name</label><br>
        <input type="text" id="name" name="name" required><br><br>
        <label for="email">Email</label><br>
        <input type="email" id="email" name="email" required><br><br>
    </form>
</section>
```

```
<label for="message">Message</label><br>
    <textarea id="message" name="message" rows="5"
required></textarea><br><br>
        <button type="submit">Submit</button>
    </form>
</section>

<!-- Footer -->
<footer>
    <p>© 2025 My Website | All Rights Reserved</p>
</footer>
</body>
</html>
```

!!! THANK YOU !!!

WEB PROGRAMMING

ASSIGNMENT – 2A

REG.NO : 23BCE0365

NAME : SHANTANU BHAGWAT

| | |
|-----------------------|-------------------------------------|
| 1. ACTIVITY 9 | 1.WEB PAGE OUTPUT 2.CODE |
| 2. ACTIVITY 10 | 1.WEB PAGE OUTPUT 2.CODE |

WEB PAGE OUTPUT:-

SHANTANU BHAGWAT

Your Friendly Neighborhood Developer



Hi, my name is **SHANTANU BHAGWAT**. I am a software engineer with a passion for creating innovative solutions. My work focuses on building scalable applications and solving real-world problems.

I am a student at VIT VELLORE, and I am studying computer science and engineering.

I HAVE A STRONG TECH AND BUSINESS MINDSET AND LOVE TO EXPLORE NEW THINGS.

I love to **learn**, **grow**, and **collaborate** with like-minded professionals.

I specialize in **front-end** development and have experience with various frameworks like **React**,

JAVA, PYTHON, C and C++.

My design philosophy revolves around simplicity, efficiency, and **accessibility**.

Outside of work, I enjoy **hiking**, photography, and exploring new cuisines.

I believe in the power of continuous learning and strive to make a **positive impact** in everything I do. "I have a variety of hobbies that keep me engaged and inspired.

I enjoy reading books, especially those in the genres of fiction, self-development, and mystery, as they allow me to explore new perspectives and ideas.

In my free time, I love listening to music and experimenting with different instruments, which helps me relax and express creativity.

Additionally, I am passionate about outdoor activities like hiking and cycling, which allow me to connect with nature and stay physically active.

I also enjoy cooking and trying out new recipes, as it brings me joy to create something delicious and share it with others.

Lastly, photography is a hobby that helps me capture and cherish beautiful moments in life."

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>About Me</title>
<style>
/* Container styling */
.container {
margin: 20px;
font-family: Arial, sans-serif;
}
/* Heading styling */
h1 {
font-size: 16px;
color: #ff5733;
/* Highlight color */
text-align: center;
}
h2 {
font-size: 14px;
color: green;
font-style: Arial;
text-align: center;
}
/* Paragraph styling */
.paragraph {
background-color: #f4f4f4;
/* Light background color for differentiation */
```

```
margin: 15px 0;
padding: 10px;
border-radius: 5px;
display: flex;
align-items: flex-start;
}
.paragraph img {
width: 100px;
height: 100px;
border-radius: 50%;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
border: 2px solid #ccc;
margin-right: 15px;
}
p {
font-size: 12px;
text-align: justify;
margin: 0;
}
.par1 {
font-family: 'Times New Roman', Times, serif;
}
.par2 {
font-family: Verdana, Geneva, Tahoma, sans-serif;
}
.par3 {
font-family: 'Courier New', Courier, monospace;
}
/* Highlight and emphasize styles */
strong {
font-weight: bold;
color: #d9534f;
}
b {
font-weight: bold;
color: #5bc0de;
}
em {
font-style: italic;
color: #5cb85c;
}
/* Overflow and hover effect */

```

</style>

</head>

<body>

<div class="container">

<!-- Heading -->

<h1>SHANTANU BHAGWAT</h1>

<h2>Your Friendly Neighborhood Developer</h2>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>About Me</title>

<style>

/* Container styling */

.container {

```
margin: 20px;
font-family: Arial, sans-serif;
}
/* Heading styling */
h1 {
font-size: 16px;
color: #ff5733;
/* Highlight color */
text-align: center;
}
h2 {
font-size: 14px;
color: green;
font-style: Arial;
text-align: center;
}
/* Paragraph styling */
.paragraph {
background-color: #f4f4f4;
/* Light background color for differentiation */
margin: 15px 0;
padding: 10px;
border-radius: 5px;
display: flex;
align-items: flex-start;
}
.paragraph img {
width: 100px;
height: 100px;
border-radius: 50%;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
border: 2px solid #ccc;
margin-right: 15px;
}
p {
font-size: 12px;
text-align: justify;
margin: 0;
}
.para1 {
font-family: 'Times New Roman', Times, serif;
}
.para2 {
font-family: Verdana, Geneva, Tahoma, sans-serif;
}
.para3 {
font-family: 'Courier New', Courier, monospace;
}
/* Highlight and emphasize styles */
strong {
font-weight: bold;
color: #d9534f;
}
b {
font-weight: bold;
color: #5bc0de;
}
```

```
em {
font-style: italic;
color: #5cb85c;
}
/* Overflow and hover effect */
</style>
<!-- Paragraphs -->
<div class="paragraph">

<p class="para1">
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>About Me</title>
<style>
/* Container styling */
.container {
margin: 20px;
font-family: Arial, sans-serif;
}
/* Heading styling */
h1 {
font-size: 16px;
color: #ff5733;
/* Highlight color */
text-align: center;
}
h2 {
font-size: 14px;
color: green;
font-style: Arial;
text-align: center;
}
/* Paragraph styling */
.paragraph {
background-color: #f4f4f4;
/* Light background color for differentiation */
margin: 15px 0;
padding: 10px;
border-radius: 5px;
display: flex;
align-items: flex-start;
}
.paragraph img {
width: 100px;
height: 100px;
border-radius: 50%;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
border: 2px solid #ccc;
margin-right: 15px;
}
p {
font-size: 12px;
text-align: justify;
margin: 0;
}
```

```
color: #d9534f;
}
b {
font-weight: bold;
color: #5bc0de;
}
em {
font-style: italic;
color: #5cb85c;
}
/* Overflow and hover effect */
</style>
</div>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>About Me</title>
<style>
/* Container styling */
.container {
margin: 20px;
font-family: Arial, sans-serif;
}
/* Heading styling */
h1 {
font-size: 16px;
color: #ff5733;
/* Highlight color */
text-align: center;
}
h2 {
font-size: 14px;
color: green;
font-style: Arial;
text-align: center;
}
/* Paragraph styling */
.paragraph {
background-color: #f4f4f4;
/* Light background color for differentiation */
margin: 15px 0;
padding: 10px;
border-radius: 5px;
display: flex;
align-items: flex-start;
}
.paragraph img {
width: 100px;
height: 100px;
border-radius: 50%;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
border: 2px solid #ccc;
margin-right: 15px;
}
p {
font-size: 12px;
text-align: justify
```

```
.para1 {
font-family: 'Times New Roman', Times, serif;
}
.para2 {
font-family: Verdana, Geneva, Tahoma, sans-serif;
}
.para3 {
font-family: 'Courier New', Courier, monospace;
}
/* Highlight and emphasize styles */
strong {
font-weight: bold;
color: #d9534f;
}
b {
font-weight: bold;
color: #5bc0de;
}
em {
font-style: italic;
color: #5cb85c;
}
/* Overflow and hover effect */
</style>
I specialize in front-end development and have experience with various frameworks like
<em>React</em>, <br><br>
JAVA, PYTHON, C and C++.<br><br>
My design philosophy revolves around simplicity, efficiency, and
<strong>accessibility</strong>.<br>
</p>
</div>
<div class="paragraph">
<p class="para3">
Outside of work, I enjoy <em>hiking</em>, photography, and exploring new cuisines.<br><br>
I believe in the power of continuous learning and strive to make a <strong>positive impact</strong> in everything I do.
<strong>I have a variety of hobbies that keep me engaged and inspired.<br><br>
I enjoy reading books, especially those in the genres of fiction, self-development, and mystery, as they allow me to explore new perspectives and ideas.<br><br>
In my free time, I love listening to music and experimenting with different instruments, which helps me relax and express creativity. <br><br>
Additionally, I am passionate about outdoor activities like hiking and cycling, which allow me to
</p>
</div>
```

WEB PAGE OUTPUT:-

Winter 2024-2025 Activities

List of Courses

THEORY(Blue) / LAB(Green)

Web Programming (Lab)

Design and Analysis of Algorithms

Design and Analysis of Algorithms Lab

Computer Architecture and Organization

Theory of Computation

Microprocessors and Microcontrollers

Microprocessors and Microcontrollers Lab

French I

Programming Languages and Ratings



C - 8/10

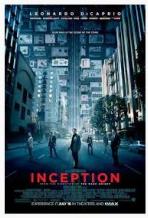


JavaScript - 9/10



Python - 10/10

Reviews



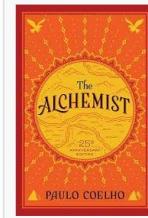
Inception (Movie)

A mind-bending thriller by Christopher Nolan that explores the layers of dreams within dreams. An absolute masterpiece!



Breaking Bad (TV Show)

A gripping tale of a chemistry teacher turned drug lord. Walter White's transformation is nothing short of legendary.



The Alchemist (Book)

A philosophical journey by Paulo Coelho about finding one's personal legend. A book filled with wisdom and inspiration.

WEB PAGE OUTPUT:-

Winter 2024-2025 Activities

List of Courses

THEORY(Blue) / LAB(Green)

[Web Programming \(Lab\)](#)

[Design and Analysis of Algorithms](#)

[Design and Analysis of Algorithms Lab](#)

[Computer Architecture and Organization](#)

[Theory of Computation](#)

[Microprocessors and Microcontrollers](#)

[Microprocessors and Microcontrollers Lab](#)

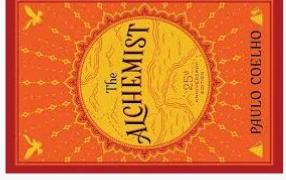
[French I](#)

Programming Languages and Ratings

 Python - 10/10

 JavaScript - 9/10

Reviews



The Alchemist (Book)

A philosophical journey by Paulo Coelho about finding one's personal legend. A book filled with wisdom and inspiration.



Breaking Bad (TV Show)

A gripping tale of a chemistry teacher turned drug lord. Walter White's transformation is nothing short of legendary.



Inception (Movie)

A mind-bending thriller by Christopher Nolan that explores the layers of dreams within dreams. An absolute masterpiece!

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Activities</title>
  <style>
    /* General Styles */
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      line-height: 1.6;
    }
    h1, h2 {
      text-align: center;
      margin: 1px 0;
    }
    ul {
      list-style: none;
      padding: 0;
    }
    li {
      margin: 1px 0;
    }
    /* Section Styles */
    .courses {
      background-color: #f9f9f9;
      padding: 5px;
    }
    .courses .theory {
      color: #007bff;
      font-weight: bold;
    }
    .courses .lab {
      color: #28a745;
      font-weight: bold;
    }
    .languages {
      background-color: #f3f3f3;
      padding: 10px;
    }
    .languages li {
      display: flex;
      align-items: center;
    }
    .languages img {
      width: 50px;
      height: 50px;
      margin-right: 10px;
    }
    .reviews {
      background-color: #fff;
      padding: 10px;
    }
```

```
.reviews .review {
    border-bottom: 1px solid #ccc;
    padding-bottom: 1px;
    margin-bottom: 1px;
}
.reviews .review:last-child {
    border-bottom: none;
}

```

```
</style>
</head>
<body>
    <h1>Winter 2024-2025 Activities</h1>

    <!-- Courses Section -->
    <section class="courses">
        <h2>List of Courses</h2>
        <ul>
            <li class="">THEORY(Blue) / LAB(Green)</li>
            <li class="lab">Web Programming (Lab)</li>
            <li class="theory">Design and Analysis of Algorithms</li>
            <li class="lab">Design and Analysis of Algorithms Lab</li>
            <li class="theory">Computer Architecture and Organization</li>
            <li class="theory">Theory of Computation</li>
            <li class="theory">Microprocessors and Microcontrollers </li>
            <li class="lab">Microprocessors and Microcontrollers Lab </li>
            <li class="theory">French I</li>
        </ul>
    </section>

    <!-- Programming Languages Section -->
    <section class="languages">
        <h2>Programming Languages and Ratings</h2>
        <ul>
            <li>
                <span>C - 8/10</span>
            </li>
            <li>
                <span>JavaScript - 9/10</span>
            </li>
            <li>
                
                <span>Python - 10/10</span>
            </li>
        </ul>
    </section>
```

```
<style>
    .languages ul {
        display: flex; /* Makes the list items appear
side by side */
        gap: 20px; /* Adds spacing between the items
*/
        list-style: none;
        padding: 0;
        margin: 0;
    }
    .languages li {
        display: flex;
        align-items: center; /* Aligns image and text
vertically */
    }
    .languages img {
        width: 100px; /* Set the image width */
        height: 100px; /* Set the image height */
        margin-right: 10px; /* Adds space between the
image and text */
    }
</style>
```

```
<!-- Reviews Section -->
<section class="reviews">
    <h2>Reviews</h2>
    <div class="reviews-container">
        <div class="review">
            <h3>Inception (Movie)</h3>
            <p>A mind-bending thriller by Christopher
Nolan that explores the layers of dreams within dreams. An
absolute masterpiece!</p>
        </div>
        <div class="review">
            <h3>Breaking Bad (TV Show)</h3>
            <p>A gripping tale of a chemistry teacher
turned drug lord. Walter White's transformation is nothing
short of legendary.</p>
        </div>
        <div class="review">
            <h3>The Alchemist (Book)</h3>
            <p>A philosophical journey by Paulo Coelho
about finding one's personal legend. A book filled with
wisdom and inspiration.</p>
        </div>
    </div>
</section>

<style>
```

```
<style>
    .reviews-container {
        display: flex; /* Makes reviews appear side by side */
        gap: 20px; /* Adds spacing between the reviews */
        justify-content: space-around; /* Distributes reviews evenly */
        flex-wrap: wrap; /* Ensures responsiveness on smaller screens */
    }
    .review {
        background-color: #f9f9f9;
        border: 1px solid #ccc;
        padding: 15px;
        border-radius: 8px;
        width: 30%; /* Adjusts the width of each review */
        box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    }
    .review h3 {
        margin-top: 0;
    }
    .review p {
        margin: 10px 0 0;
    }
</style>
```

```
</body>
</html>
```

WEB PROGRAMMING

ASSIGNMENT – 2B

REG.NO : 23BCE0365

NAME : SHANTANU BHAGWAT

| | |
|-----------------------|--|
| 1. ACTIVITY 11 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |
| 2. ACTIVITY 12 | 1.QUESTION 2.WEB PAGE OUTPUT 3.CODE |

QUESTION:-

Activity 11:

For activity #11, you must re -create a new version of the Web site you created for Assignment 1A (activity #3), only this time you must use only CSS to achieve the same design

Use the tables as depicts in the following figure and apply CSS style for the same

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

- Using styles assign table height and width and some styles for border as of your choice.
- Apply center text align for the table data
- Include some control the space between the border and the content in a table
- Highlight table rows content on mouse over with grey color

Note: Include any two properties of your choice(minimum) and use style as container

WEB PAGE OUTPUT:-

| | | | | | |
|---|------|---------------------------|----------------------|---|------|
|  | r1c2 | r1c3 | Stay Positive! | | r1c6 |
| | r2c2 | Email Me | Believe in Yourself! | | |
| Go to Home | r3c2 | r3c3 | r3c4 |  | |
| r4c1 | r4c2 | You Can Achieve Anything! | | r4c6 | r5c6 |
| | r5c2 | Keep Learning! | r5c4 | Be Grateful! | |
| | | Embrace Challenges! | | | |

| | | | | | |
|--|------|---------------------------|----------------------|---|------|
|  | r1c2 | r1c3 | Stay Positive! | | r1c6 |
| | r2c2 | Email Me | Believe in Yourself! | | |
| Go to Home | r3c2 | r3c3 | r3c4 |  | r5c6 |
| r4c1 | r4c2 | You Can Achieve Anything! | | r4c6 | |
| r5c1 | r5c2 | Keep Learning! | | Be Grateful! | r5c6 |
| | | Embrace Challenges! | | | |

CODE:-

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Activity 10 - Table</title>
  <style>
    body {
      font-family: Arial, sans-serif;
    }

    table {
      border-collapse: collapse;
      width: 80%;
      margin: 20px auto;
      border: 3px solid black; /* Ensures the table has a
rectangular outline */
    }

    td {
      border: 2px solid black;
      text-align: center;
      padding: 10px;
      vertical-align: middle;
    }

    td img {
      width: 100px;
      height: auto;
    }

    /* Row 1: Colored cells */
    .colored {
      background-color: rgb(0, 188, 250);
    }

    /* Row 1, Column 1: Image */
    .image-cell img {
      width: 100px;
      height: 100px;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <td><a href="#">Go to Home</a></td>
      <td>r3c2</td>
      <td>r3c3</td>
      <td>r3c4</td>
      <td><img alt="Stylized text 'sharpandu' with a pen icon" data-bbox="755 95 835 125"/></td>
      <td>r1c6</td>
    </tr>
    <tr>
      <td>r4c1</td>
      <td>r4c2</td>
      <td data-cs="2" data-kind="parent">You Can Achieve Anything!
      <td data-kind="ghost">r5c1</td>
      <td data-kind="parent" data-rs="2">r5c2</td>
      <td data-cs="2" data-kind="parent">Keep Learning!
      <td data-kind="ghost">r5c6</td>
    </tr>
    <tr>
      <td data-kind="ghost">Embrace Challenges!
      <td data-kind="ghost">

```

```
/* Row 3, Column 1: Link to home.html */
.link-cell a {
    text-decoration: none;
    color: blue;
    font-weight: bold;
}

/* Row 2, Column 3: Email link */
.email-cell a {
    text-decoration: none;
    color: darkgreen;
}

/* Affirmations */
.affirmation {
    font-size: 18px;
    color: darkorange;
    font-weight: bold;
}

/* Hover effects */
tr:hover {
    background-color: lightgray;
}

</style>
</head>
<body>
    <table>
        <tr>
            <td rowspan="2" class="image-cell"><img src="" alt="Image"></td>
            <td class="colored">r1c2</td>
            <td class="colored">r1c3</td>
            <td colspan="2" class="affirmation">Stay Positive!</td>
            <td rowspan="3">r1c6</td>
        </tr>
        <tr>
            <td>r2c2</td>
            <td class="email-cell"><a href="mailto:example@example.com">Email Me</a></td>
            <td colspan="2" class="affirmation">Believe in Yourself!</td>
        </tr><tr>
            <td class="link-cell"><a href="home.html">Go to Home</a></td>
            <td>r3c2</td>
            <td>r3c3</td>
            <td>r3c4</td>
            <td></td>
        </tr>
        <tr>
            <td class="colored">r4c1</td>
            <td class="colored">r4c2</td>
```

```
<td colspan="2" class="affirmation">You Can Achieve  
Anything!</td>  
<td>r4c6</td>  
</tr>  
<tr>  
<td rowspan="2">r5c1</td>  
<td rowspan="2">r5c2</td>  
<td class="affirmation">Keep Learning!</td>  
<td>r5c4</td>  
<td class="affirmation">Be Grateful!</td>  
<td rowspan="2">r5c6</td>  
</tr>  
<tr>  
<td colspan="3" class="affirmation">Embrace  
Challenges!</td>  
</tr>  
</table>  
</body>  
</html>
```

QUESTION:-

Activity 12:

For activity #12, you must re -create a new version of the Web site you created for Assignment 1C (activity #8), only this time you must use only CSS to achieve the same design

CSS constraints

- Use respective selector for designing layout template as per your choice.
- Design customized banner image for home page
- Apply CSS for navigation page and hyperlinks can be styled with any CSS property (e.g. color, font-family, background, etc.).
- Apply styles for signup and login pages.
- Apply box model and position properties which is applicable for your design

Note: Choose the layout design of your choice and use external CSS file

Note:

/***/

Design a web page of your choice “*myindex.html*” and include the following information as follows.

- Home Page - Short Descriptions about your theme.
- Navigation page- include all the activity listed in assignment 1A ,1B, and 1C
- Blog Page – Photos/ videos/ hyperlinks
- Contact us – Use your intuitive approach and add the form fields for a contact us page in the footer.

WEB PAGE OUTPUT IN PARTS:-

The screenshot shows the homepage of the Formula 1 Racing website. At the top, there is a red header with the Formula 1 logo and the text "FORMULA 1 RACING" in large white letters, followed by the tagline "The Ultimate Racing Experience". Below the header is a dark grey navigation bar with links for "Home", "Activities", "Blog", and "Contact".

Welcome to Formula 1 Racing

Discover the world of Formula 1, where speed and strategy meet on the racetrack. Get ready to immerse yourself in the thrills of high-speed racing!



Our Activities

- Live Race Screenings
- F1 Trivia Nights
- Meet & Greet with Drivers
- Workshops on Racing Techniques

F1 Blog

- [Top 10 Races of All Time](#)



- [Behind the Scenes: F1 Engineering](#)



- [Upcoming Grand Prix Calendar](#)



Contact Us

Name:

Email:

Message:

Send

WEB PAGE OUTPUT

TOGETHER:-

FORMULA 1 RACING

The Ultimate Racing Experience

[Home](#) [Activities](#) [Blog](#) [Contact](#)

Welcome to Formula 1 Racing

Discover the world of Formula 1, where speed and strategy meet on the racetrack. Get ready to immerse yourself in the thrill of high-speed racing!



Our Activities

- Live Race Simulations
- F1 101 Workshops
- Meet & Greet with Drivers
- Workshops on Racing Techniques

F1 Blog

- [The 10 Races of All Time](#)



- [TOP 10 BEST RACES OF THE DECADE](#)



- [BUILDING AN F1 GARAGE](#)



- [Driving My Career](#)



Contact Us

Name:

Email:

Message:

Send

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Formula 1 Racing</title>
  <style>
    /* General Styles */
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f5f5f5;
    }

    header {
      background-color: #ff1e00;
      color: white;
      text-align: center;
      padding: 50px 0;
    }

    header h1 {
      font-size: 5rem;
      margin: 0;
    }

    header p {
      margin: 5px 0 0;
      font-size: 1.2rem;
    }

    nav {
      background-color: #333;
      padding: 10px 0;
    }

    nav ul {
      display: flex;
      justify-content: center;
      list-style: none;
      margin: 0;
      padding: 0;
    }

    nav ul li {
      margin: 0 15px;
    }

    nav ul li a {
      text-decoration: none;
      color: white;
      font-size: 1.1rem;
      font-weight: bold;
    }
  </style>
</head>
<body>
  <header>
    <h1>Formula 1 Racing</h1>
    <p>Your favorite racing news and results source!</p>
  </header>
  <nav>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">Racing News</a></li>
      <li><a href="#">Driver Profiles</a></li>
      <li><a href="#">Team Profiles</a></li>
      <li><a href="#">Results</a></li>
    </ul>
  </nav>
  <main>
    <h2>Latest News</h2>
    <ul>
      <li>Grand Prix Preview: Formula 1's next race...</li>
      <li>Driver of the Day: Lewis Hamilton shows...</li>
      <li>Team Focus: Mercedes-AMG Petronas F1 Team...</li>
    </ul>
  </main>
</body>

```

```
nav ul li a:hover {  
    color: #ff1e00;  
}  
  
main {  
    padding: 20px;  
    display: grid;  
    grid-template-areas:  
        "home"  
        "activities"  
        "blog"  
        "contact";  
}  
  
/* Section Styles */  
section, article, aside, footer {  
    background: white;  
    margin: 20px 0;  
    padding: 20px;  
    border-radius: 5px;  
    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);  
}  
  
article {  
    grid-area: home;  
}  
  
section {  
    grid-area: activities;  
}  
  
aside {  
    grid-area: blog;  
}  
  
footer {  
    grid-area: contact;  
}  
  
/* Blog and Activities Section */  
ul {  
    list-style: square;  
    padding-left: 20px;  
}  
  
ul li {  
    margin: 10px 0;  
}  
  
/* Form Styles */  
form {  
    display: flex;  
    flex-direction: column;  
}  
  
form label {  
    margin-bottom: 15px;  
}
```

```
form input, form textarea, form button {  
    margin-bottom: 10px;  
    padding: 10px;  
    border: 1px solid #ccc;  
    border-radius: 5px;  
}  
  
form button {  
    background-color: #ff1e00;  
    color: white;  
    border: none;  
    cursor: pointer;  
}  
  
form button:hover {  
    background-color: #333;  
}  
    
```

</style>

</head>

<body>

<header>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title></title>

<style>

.header {
 display: flex;
 align-items: center; /* Aligns items
vertically */
 gap: 1px; /* Adds space between the logo and
text */
 }
 .header img {
 width: 100px; /* Adjust the size of the logo
*/
 height: auto;
 margin-left: 350px;
 margin-right: 0px;
 }
 .header h1 {
 margin-left: 15px; /* Removes default margin
from the heading */
 font-family: Arial, sans-serif;
 }
 </style>

</head>

<body>

<div class="header">

<h1>FORMULA 1 RACING</h1>

```
</div>
</body>
</html>

    <p>The Ultimate Racing Experience</p>
</header>
<nav>
  <ul>
    <li><a href="#home">Home</a></li>
    <li><a href="#activities">Activities</a></li>
    <li><a href="#blog">Blog</a></li>
    <li><a href="#contact">Contact</a></li>
  </ul>
</nav>
<main>
  <article id="home">
    <h2>Welcome to Formula 1 Racing</h2>
    <p>Discover the world of Formula 1, where speed and strategy meet on the racetrack. Get ready to immerse yourself in the thrills of high-speed racing!</p>
  </article>
  <article id="home">
    <h2>Welcome to Formula 1 Racing</h2>
    <p>Discover the world of Formula 1, where speed and strategy meet on the racetrack. Get ready to immerse yourself in the thrills of high-speed racing!</p>
  </article>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Formula 1 Racing</title>
<style>
  .image-gallery {
    display: flex;
    justify-content: space-around; /* Space between images */
    gap: 10px; /* Adds spacing between images */
  }
  .image-gallery img {
    width: 300px;
    height: 200px;
    border: 2px solid #ccc; /* Optional styling */
    border-radius: 8px; /* Rounded corners */
  }
</style>
```

```
</head>
<body>
    <div class="image-gallery">
        
        
        
    </div>
</body>
</html>
```

```
</article>
<section id="activities">
    <h2>Our Activities</h2>
    <ul>
        <li>Live Race Screenings</li>
        <li>F1 Trivia Nights</li>
        <li>Meet & Greet with Drivers</li>
        <li>Workshops on Racing Techniques</li>
    </ul>
</section>
<aside id="blog">
    <h2>F1 Blog</h2>
    <ul>
        <li><a href="#">Top 10 Races of All Time</a></li>
        <li><a href="#">Behind the Scenes: F1 Engineering</a></li>
            <img src="" alt="Description of the image" width="300" height="200">
        <li><a href="#">Upcoming Grand Prix Calendar</a></li>
            <img src="" alt="Upcoming Grand Prix Calendar" width="300" height="200">
    </ul>
</aside>
<footer id="contact">
    <h2>Contact Us</h2>
    <form>
        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required>
    </form>
</footer>
```

```
        <label for="email">Email:</label>
        <input type="email" id="email"
name="email" required>
            <label for="message">Message:</label>
            <textarea id="message" name="message"
required></textarea>
                <button type="submit">Send</button>
            </form>
        </footer>
    </main>
</body>
</html>
```