HTML5_Day-1 Hands On Practice_ Uday

1) Problem Statement : Write a Static HTML Page that displays self intro.

- **HTML CODE :**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Self Introduction</title>
</head>
<body>
  <header>
    <h1 align="center">Welcome to My Self Introduction Page</h1>
    <p>This page gives a brief overview about me, my hobbies, and my daily routine.</p>
  </header>
  <h1>Self Introduction</h1>
  <p>
    I'm <strong>Uday Kiran</strong>, a recent B.Tech graduate in
    <em>Electronics and Communication Engineering (ECE)</em> at
    <strong>BVC Engineering College</strong>. Currently, I am a
    <strong>.NET Full Stack Developer with Python trainee</strong>.
  </p>
  <h2>Hobbies</h2>
  <ul>
    <li>Playing cricket</li>
    <li>Listening to music</li>
  </ul>
  <h2>Daily Routine</h2>
  <ol>
    <li>Practice coding</li>
    <li>Learn new technologies</li>
  </ol>
  <h2>Student Details</h2>
  <table border="1">
    <tr>
      <th>Student Name</th>
      <th>Subject</th>
      <th>Marks</th>
    </tr>
    <tr>
      <td>Uday</td>
      <td>Mathematics</td>
      <td>85</td>
    </tr>
```

HTML5_Day-1 Hands On Practice_ Uday

```
    <tr>
      <td>Kiran</td>
      <td>Science</td>
      <td>90</td>
    </tr>
  </table>
</body>
</html>
```

- **Technical Explanation :** This task checks how to build a basic HTML webpage using the correct document structure and common tags to organize content like text, lists, and tables so it displays properly in a browser.

- **OUTPUT:**

Welcome to My Self Introduction Page

This page gives a brief overview about me, my hobbies, and my daily routine.

Self Introduction

I'm **Uday Kiran**, a recent B.Tech graduate in *Electronics and Communication Engineering (ECE)* at **BVC Engineering College**. Currently, I am a **.NET Full Stack Developer with Python trainee**.

Hobbies

- Playing cricket
- Listening to music

Daily Routine

1. Practice coding
2. Learn new technologies

Student Details

Student Name	Subject	Marks
Uday	Mathematics	85
Kiran	Science	90

HTML5_Day-1 Hands On Practice_ Uday

2) Problem Statement :

Create a basic HTML restaurant menu webpage displaying restaurant details, menu categories, and a price table using proper HTML structure and elements.

- **HTML CODE :**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>Tasty Restaurant Menu</title>
</head>

<body>

  <h1 align="center">Tasty Restaurant</h1>

  <p title="About Us">
    Welcome to our Tasty Restaurant. We have a rich tradition and modern flavors. Our chefs use fresh ingredients to bring you fabulous meals at affordable prices.
  </p>
  <h2>Menu Categories</h2>
  <ul>
    <li>Main Course</li>
    <li>Breakfast</li>
    <li>Beverages</li>
    <li>Desserts</li>
  </ul>


  <h2>Price List</h2>
  <table border="1" align="center" title="Restaurant Menu">
    <tr>
      <th>Item Name</th>
      <th>Category</th>
      <th>Price (₹)</th>
    </tr>
    <tr>
      <td>Paneer Butter Masala</td>
      <td>Main Course</td>
      <td>220</td>
    </tr>
    <tr>
      <td>Veg Biryani</td>
      <td>Main Course</td>
      <td>180</td>
    </tr>
    <tr>
```

```
      <td>Masala Dosa</td>
      <td>Breakfast</td>
      <td>90</td>
    </tr>
    <tr>
      <td>Cold Coffee</td>
      <td>Beverages</td>
      <td>120</td>
    </tr>
  </table>

</body>

</html>
```

- **Technical Explanation :** Use HTML boilerplate with headings, paragraph, unordered list, and a table (with attributes) to structure and display restaurant menu data.
- **OUTPUT:**

Tasty Restaurant

Welcome to our Tasty Restaurant. We have a rich tradition and modern flavors. Our chefs use fresh ingredients to bring you fabulous meals at affordable prices.

Menu Categories

- Main Course
- Breakfast
- Beverages
- Desserts

Price List

Item Name	Category	Price (₹)
Paneer Butter Masala	Main Course	220
Veg Biryani	Main Course	180
Masala Dosa	Breakfast	90
Cold Coffee	Beverages	120

HTML5_Day-1 Hands On Practice_ Uday

3) Problem Statement : Build a webpage to organize weekly grocery shopping with priority and optional items.

- **HTML CODE :**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Weekly Grocery Checklist</title>
</head>
<body title="Plan your weekly grocery shopping easily">
  <h1 align="center">Weekly Grocery Checklist</h1>
  <h2>High-Priority Items</h2>
  <ol>
    <li>Rice</li>
    <li>Milk</li>
    <li>Vegetables</li>
    <li>Cooking Oil</li>
  </ol>

  <h2>Optional Items</h2>
  <ul>
    <li>Snacks</li>
    <li>Ice cream</li>
    <li>Soft drinks</li>
  </ul>
</body>
</html>
```

- **Technical Explanation :**

Use HTML boilerplate with for priority items and for optional items, applying attributes for clarity.

HTML5_Day-1 Hands On Practice_ Uday

- **OUTPUT:**

Weekly Grocery Checklist

High-Priority Items

1. Rice
2. Milk
3. Vegetables
4. Cooking Oil

Optional Items

- Snacks
- Ice cream
- Soft drinks

HTML5_Day-1 Hands On Practice_ Uday

4) Problem Statement : Build a Employee Onboarding Page

- **HTML CODE :**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>Employee Onboarding</title>
</head>

<body>

  <header>
    <h1 align="center">Welcome to IT Corporation</h1>
    <p>We were excited to have you onboard</p>
  </header>

  <section>
    <h2>Employee Information</h2>
     <table border="1">
      <thead>
        <tr>
          <th>Employee ID</th>
          <th>Name</th>
          <th>Department</th>
          <th>Joining Date</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>23234</td>
          <td>Uday Kiran</td>
          <td>Human Resources</td>
          <td>2026-02-16</td>
        </tr>
      </tbody>
    </table>
  </section>

  <article>
    <h2>Company Policies</h2>
    <ol>
      <li>Working hours  : 9:30 AM to 6:30 PM</li>
      <li>Leave policy   : 18 paid leaves per year</li>
      <li>Code of conduct: Must and should be Professional behavior is expected</li>
    </ol>

    <h3>Facilities Provided</h3>
```

HTML5_Day-1 Hands On Practice_ Uday

```
    <ul>
      <li>Laptop</li>
      <li>Internet access</li>
      <li>Training materials</li>
    </ul>
  </article>

  <footer>
    <p>Contact HR at hr@IT.com | Phone: +91 7569999988</p>
  </footer>

</body>

</html>
```

- **Technical Explanation :**

Semantic HTML improves accessibility, SEO, and code readability by giving meaningful structure to web content.

- **OUTPUT:**

Welcome to IT Corporation

We were excited to have you onboard

Employee Information

Employee ID	Name	Department	Joining Date
23234	Uday Kiran	Human Resources	2026-02-16

Company Policies

1. Working hours : 9:30 AM to 6:30 PM
2. Leave policy : 18 paid leaves per year
3. Code of conduct: Must and should be Professional behavior is expected

Facilities Provided

- Laptop
- Internet access
- Training materials

Contact HR at hr@IT.com | Phone: +91 7569999988

HTML5_Day-1 Hands On Practice_ Uday

5) Problem Statement : Build a College Department Information Page

- **HTML CODE :**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <title>Computer Science Department</title>
</head>

<body>

  <header>
    <h1 align="center">JNTU College of Engineering</h1>
    <h2>Department of Computer Science with AI</h2>
    <p>Enthusiastic students with knowledge and innovation.</p>
  </header>

  <section>
    <h3>Faculty Details</h3>

    <table border="1">
      <tr>
        <th>Faculty Name</th>
        <th>Designation</th>
        <th>Subject Handled</th>
      </tr>

      <tr>
        <td>Dr. Anil Kumar</td>
        <td>Professor</td>
        <td>Data Structures</td>
      </tr>

      <tr>
        <td>Ms. Sneha Reddy</td>
        <td>Associate Professor</td>
        <td>DBMS</td>
      </tr>

      <tr>
        <td>Mr. Rahul Verma</td>
        <td>Assistant Professor</td>
        <td>Operating Systems</td>
      </tr>
    </table>
  </section>
  <section>
    <h3>Subjects Offered</h3>
```

HTML5_Day-1 Hands On Practice_ Uday

```
    <ul>
      <li>Data Structures</li>
      <li>DBMS</li>
      <li>Operating Systems</li>
      <li>Computer Networks</li>
      <li>Artificial Intelligence</li>
    </ul>
  </section>
  <section>
    <h3>Weekly Timetable</h3>

    <table border="1">
      <tr>
        <th>Day</th>
        <th>Subject</th>
        <th>Time</th>
      </tr>

      <tr>
        <td>Monday</td>
        <td>Data Structures</td>
        <td>09:00  AM – 10:00 AM</td>
      </tr>

      <tr>
        <td>Tuesday</td>
        <td>DBMS</td>
        <td>10:00 AM – 11:00 AM</td>
      </tr>
      <tr>
        <td>Wednesday</td>
        <td>Operating Systems</td>
        <td>11:00 AM – 12:00 PM</td>
      </tr> <tr>
        <td>Thursday</td>
        <td>Computer Networks</td>
        <td><time>01:00 PM – 02:00 PM</time></td>
      </tr>

      <tr>
        <td>Friday</td>
        <td>Artificial Intelligence</td>
        <td><time>02:00 PM – 03:00 PM</time></td>
      </tr>

    </table>
  </section>

  <footer>
```

HTML5_Day-1 Hands On Practice_ Uday

```
    <p>
      JNTU College of Engineering, Mysore <br>
      Email: info@jntu.edu <br>
      Phone: +91 8885432100
    </p>
  </footer>

</body>

</html>
```

- **Technical Explanation :**

This webpage uses structured HTML elements like tables, lists, and sections to organize academic information clearly for better accessibility and maintainability.

- **OUTPUT:**

JNTU College of Engineering

Department of Computer Science with AI

Enthusiastic students with knowledge and innovation.

Faculty Details

Faculty Name	Designation	Subject Handled
Dr. Anil Kumar	Professor	Data Structures
Ms. Sneha Reddy	Associate Professor	DBMS
Mr. Rahul Verma	Assistant Professor	Operating Systems

Subjects Offered

- Data Structures
- DBMS
- Operating Systems
- Computer Networks
- Artificial Intelligence

Weekly Timetable

Day	Subject	Time
Monday	Data Structures	09:00 AM – 10:00 AM
Tuesday	DBMS	10:00 AM – 11:00 AM
Wednesday	Operating Systems	11:00 AM – 12:00 PM
Thursday	Computer Networks	01:00 PM – 02:00 PM
Friday	Artificial Intelligence	02:00 PM – 03:00 PM

JNTU College of Engineering, Mysore
Email: info@jntu.edu
Phone: +91 8885432100