HTML_5<No-1>_Hands_On_Gunta Divya:

Assessment Goal:- Check if learners understand basic HTML structure and content creation.

Hands-on Tasks:

1. Create a basic HTML page with proper structure (DOCTYPE, head, body)
2. Add a heading and a paragraph introducing yourself
3. Create an unordered list showing your hobbies
4. Create an ordered list showing daily routine steps
5. Create a simple table showing:
    - Student Name
    - Subject
    - Marks

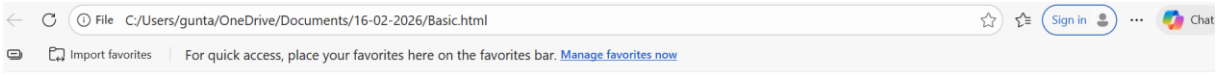
Expected Outcome:
A static HTML page that displays structured content correctly in the browser.

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
	<meta charset="UTF-8">
	<title>My frist assignment</title>
</head>
<body>
	<h1>Introducing Your self</h1>
	<p>I am Gunta Divya.I am from Chittoor district.I have completed my
	batchelors degree from Rgukt Rkvalley,Idupulapaya,Kadapa.I am good in
	Python,Django,Rest API,Mysql,HTML,CSS</p>
	<h2>Hobbies</h2>
	<ul>
		<li>Solving aptitude and reasoning problems</li>
		<li>spending time with pet animals</li>
		<li>listening to music</li>
	</ul>
	<h2>Daily activities</h2>
	<ol>
		<li>I wake up at early in the morning</li>
		<li>Meditation</li>
		<li>Applying for jobs</li>
	</ol>
	<h2>Students Data</h2>
		<table border="1">
		<tr>
			<th>Student Name</th>
```

```
            <th>Subject</th>
            <th>Marks</th>
        </tr>
        <tr>
            <td>Gunta Divya</td>
            <td>HTML</td>
            <td>98%</td>
        </tr>
        <tr>
            <td>Swetha</td>
            <td>CSS</td>
            <td>99%</td>
        </tr>
        <tr>
            <td>deepak</td>
            <td>Java Script</td>
            <td>100%</td>
        </tr>



        </table>

</body>
</html>
```

OUTPUT:-



Introducing Your self

I am Gunta Divya.I am from Chittoor district.I have completed my batchelors degree from Rgukt Rkvalley,Idupulapaya,Kadapa.I am good in Python,Django,Rest API,Mysql,HTML,CSS

Hobbies

- Solving aptitude and reasoning problems
- spending time with pet animals
- listening to music

Daily activities

1. I wake up at early in the morning
2. Meditation
3. Applying for jobs

Students Data

Student Name	Subject	Marks
Gunta Divya	HTML	98%
Swetha	CSS	99%
deepak	Java Script	100%

Code Explaination:-

This HTML code creates a basic static web page using the standard HTML structure. The DOCTYPE declaration tells the browser that the document is written in HTML5.

The <head> section contains metadata such as character encoding and the page title, which appears on the browser tab.
The <body> section holds all the visible content of the page. Headings are used to organize the content, while a paragraph introduces the user. An unordered list is used to display hobbies, and an ordered list shows daily activities in sequence.
A table is created to display student data with proper rows and columns using table tags. Overall, the code demonstrates correct use of HTML elements to structure and present content clearly in a web browser.

HTML_5<No-2>_Hands_on_Gunta Divya

Assessment Goal: -A small restaurant wants a **basic menu webpage** to display their offerings online before moving to a full website.

Requirements

Create an HTML page that displays:

1. **Restaurant Name** (Heading)
2. **About the Restaurant** (Paragraph)
3. **Menu Categories** (Unordered List)
4. **Price List** (Table)

Table Structure

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

Technical Constraints

- Use proper **HTML boilerplate**
- Use at least **5 HTML elements**
- Use **HTML attributes** such as border, title, align
- Use:
  - <table>, <tr>, <th>, <td>
  - and

Expected Output:

You should be able to:

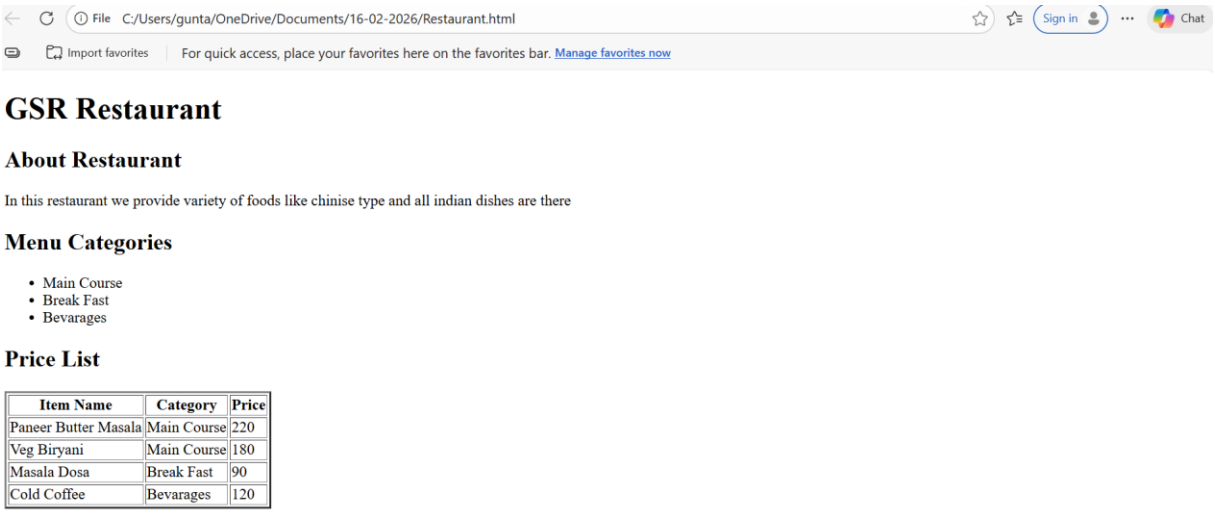
- Build a complete HTML page structure
- Use tables for structured data
- Use lists for grouped information

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
```

```
	<title>Restaurant</title>
</head>
<body>
	<h1>GSR Restaurant</h1>
	<h2>About Restaurant</h2>
	<p>In this restaurant we provide variety of foods like chinise type and all
indian dishes are there</p>
	<h2>Menu Categories</h2>
	<ul>
		<li>Main Course</li>
		<li>Break Fast</li>
		<li>Bevarages</li>
	</ul>
	<h2>Price List</h2>
	<table border="2">
	<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>Break Fast</td>
		<td>90</td>
	</tr>
	<tr>
		<td>Cold Coffee</td>
		<td>Bevarages</td>
		<td>120</td>
	</tr>

	</table>

</body>
</html>
```

Output:-



Code Explaination:-

This HTML code creates a basic restaurant menu webpage using proper HTML structure. The DOCTYPE declaration defines the document as HTML5, and the <head> section includes the character encoding and page title.
The restaurant name is displayed using a heading tag, and a paragraph is used to describe the restaurant. An unordered list is used to show different menu categories in a grouped format. A table is created to display the price list in a structured way using rows and columns.
Overall, the code correctly uses multiple HTML elements and attributes to present restaurant information clearly on a web page.

HTML_5<No-3>_Hands_on_Gunta Divya

Assessment Goal:-

You are building a **simple webpage for personal use** to plan your weekly grocery shopping. The page should clearly show **priority items** and **optional items**, so it's easy to decide what to buy first.

Requirements

Create an HTML webpage that includes:

1. A **page title**:
   Weekly Grocery Checklist
2. A **main heading** displaying the same title.
3. An **Ordered List** showing **high-priority grocery items**, such as:
   - Rice
   - Milk
   - Vegetables
   - Cooking Oil
4. An **Unordered List** showing **optional or non-essential items**, such as:

- Snacks
- Ice cream
- Soft drinks

Technical Constraints

- Use proper **HTML boilerplate**:
  - <!DOCTYPE html>
  - <html>, <head>, <body>
- Use:
  - and <ul> correctly
  - for each item
- Add at least **one HTML attribute** (example: title)
- Ensure **proper indentation and readability**

Expexted Outcome

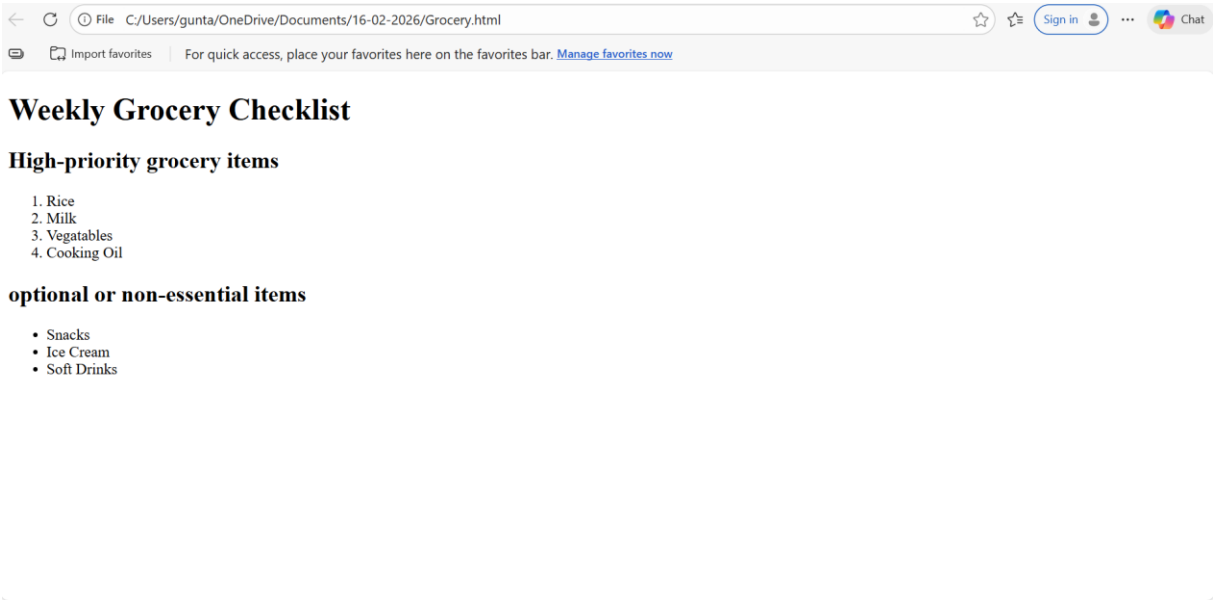
You will be able to:

- Create structured content using HTML lists
- Choose the correct list type based on real-world requirements
- Understand how HTML represents **logical order and grouping**
- Build confidence in writing basic but meaningful HTML pages

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
	<meta charset="UTF-8">
	<title>Weekly Grocery Checklist</title>
</head>
<body>
	<h1>Weekly Grocery Checklist</h1>
	<h2>High-priority grocery items</h2>
	<ol>
		<li>Rice</li>
		<li>Milk</li>
		<li>Vegatables</li>
		<li>Cooking Oil</li>

	</ol>
	<h2>optional or non-essential items</h2>
	<ul>
		<li>Snacks</li>
		<li>Ice Cream</li>
		<li>Soft Drinks</li>
	</ul>

</body>
</html>
```

OUTPUT:-



Code Explaination:-
This HTML code creates a basic webpage for planning weekly grocery shopping. The page uses the standard HTML structure with a title in the head section and visible content inside the body.
An ordered list is used to display high-priority grocery items, showing the importance and sequence of items to buy first. An unordered list is used for optional items, as their order does not matter.
Overall, the code demonstrates correct use of HTML lists to organize information clearly and logically, making the grocery checklist easy to read and understand in a web browser.

HTML_5<No-4>_Hands_on_Gunta Divya

Assessment Goal:-

A company wants a **basic onboarding page** for new employees that HR can later style using CSS.

Requirements

Use Semantic HTML:

- <header> → Company name & welcome message
- <section> → Employee details
- <article> → Company policies
- <footer> → Contact information

Content Structure

1. **Employee Information (Table)**
    - Employee ID
    - Name
    - Department
    - Joining Date
2. **Company Policies (Ordered List)**
    - Working hours
    - Leave policy

    - Code of conduct
3. **Facilities Provided (Unordered List)**
    - Laptop
    - Internet access
    - Training materials

Technical Constraints

- Use **semantic tags only** (no for layout)
- Add **meaningful attributes** (title, lang, etc.)
- Proper indentation & readability

Expected Output:-

Learners should be able to:

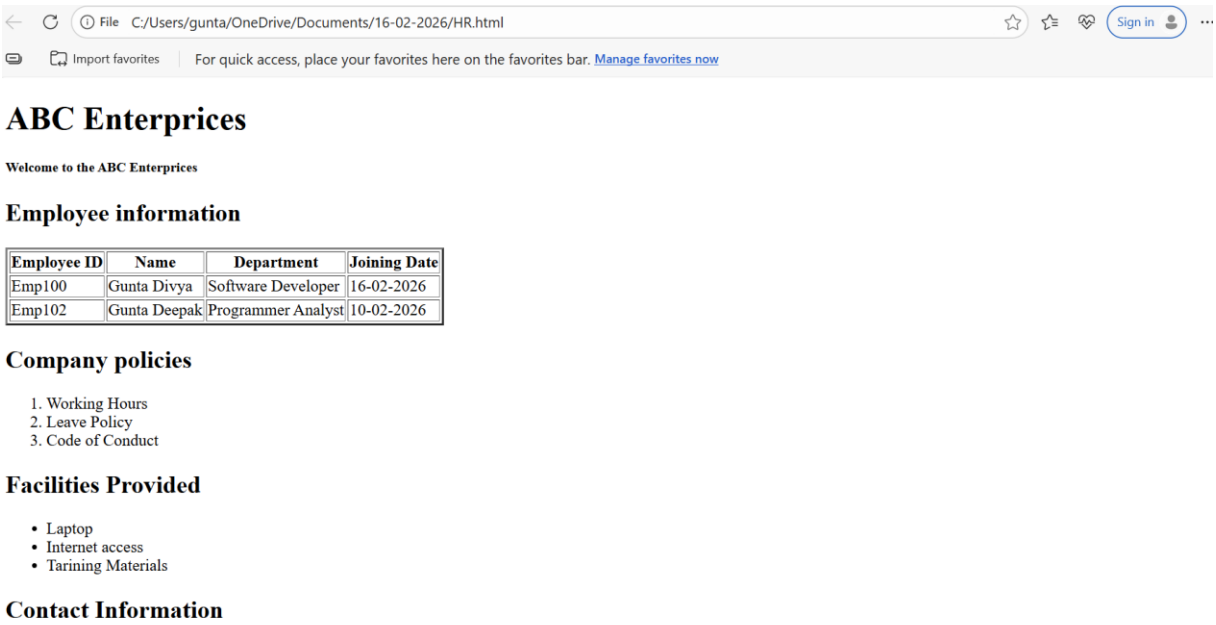
- Explain **why semantic HTML matters**
- Differentiate between structural and non-structural tags
- Build readable, SEO-friendly HTML

CODE:-

```
<!DOCTYPE html>
<html lang="en">
<head>
	<meta charset="UTF-8">
	<title>Welcome</title>
</head>
<body>
	<h1>ABC Enterprices</h1>
	<h5>Welcome to the ABC Enterprices</h5>
	<section>
		<h2>Employee information</h2>
		<table border="2">
		<tr>
			<th>Employee ID</th>
			<th>Name</th>
			<th>Department</th>
			<th>Joining Date</th>
		</tr>
		<tr>
			<td>Emp100</td>
			<td>Gunta Divya</td>
			<td>Software Developer</td>
			<td>16-02-2026</td>
		</tr>
		<tr>
			<td>Emp102</td>
			<td>Gunta Deepak</td>
			<td>Programmer Analyst</td>
			<td>10-02-2026</td>
		</tr>

		</table>
	</section>
	<article>
		<h2>Company policies</h2>
		<ol>
			<li>Working Hours</li>
```

```
                <li>Leave Policy</li>
                <li>Code of Conduct</li>
            </ol>
            <h2>Facilities Provided</h2>
            <ul>
                <li>Laptop</li>
                <li>Internet access</li>
                <li>Tarining Materials</li>
            </ul>
        </article>
        <footer>
            <h2>Contact Information</h2>
            <p>
                Email:xxx@gmail.com
                <br>
                ph:+91xxxxxxx
                <br>
            </p>

        </footer>

</html>
```

OUTPUT:-



Code Explaination:-

This HTML code creates a basic employee onboarding webpage using semantic HTML elements. The page follows proper HTML structure, with language and character encoding defined in the head section.
Semantic tags like <section>, <article>, and <footer> are used to clearly define different parts of the content. Employee information is displayed in a table for structured and easy reading. Company policies are shown using an ordered list, while facilities provided are grouped using an unordered list.
Using semantic HTML improves readability, accessibility, and SEO, and makes the page easier to style later using CSS. The code demonstrates a clear difference between structural and content-based HTML elements**.**

HTML_5<No-5>_Hands_on_Gunta Divya

Assessment Goal:-

A college wants to create a **basic informational webpage** for one of its departments (e.g., Computer Science, Information Technology).

The page will be used by **students and parents** to understand faculty details, subjects offered, and the weekly timetable before the site is enhanced with CSS and backend features.

☐ Requirements

Create an HTML webpage that includes the following sections:

1. **Header**
    - Department Name
    - College Name

2. **Section 1: Faculty Details**
    - Display faculty information in a **table** with columns:
        - Faculty Name
        - Designation
        - Subject Handled
3. **Section 2: Subjects Offered**
    - Display the list of subjects using an **unordered list**
4. **Section 3: Weekly Timetable**
    - Display timetable details in a **table** with columns:
        - Day
        - Subject
        - Time Slot
5. **Footer**
    - College address
    - Contact information

Technical Constraints

- Use proper **HTML document structure**:
    - <!DOCTYPE html>
    - <html>, <head>, <body>
- Use **semantic HTML elements**:
    - <header>, <section>, <footer>
- Use:
    - <table>, <tr>, <th>, <td>
    - and
- Add meaningful **HTML attributes** such as lang or title
- Avoid CSS and JavaScript (HTML only)

Expected Output:-

You will be able to:

- Build real-world HTML pages with structured content
- Understand how semantic HTML improves readability and maintenance
- Organize information logically using tables and lists
- Prepare HTML content that is ready for CSS styling and backend integration

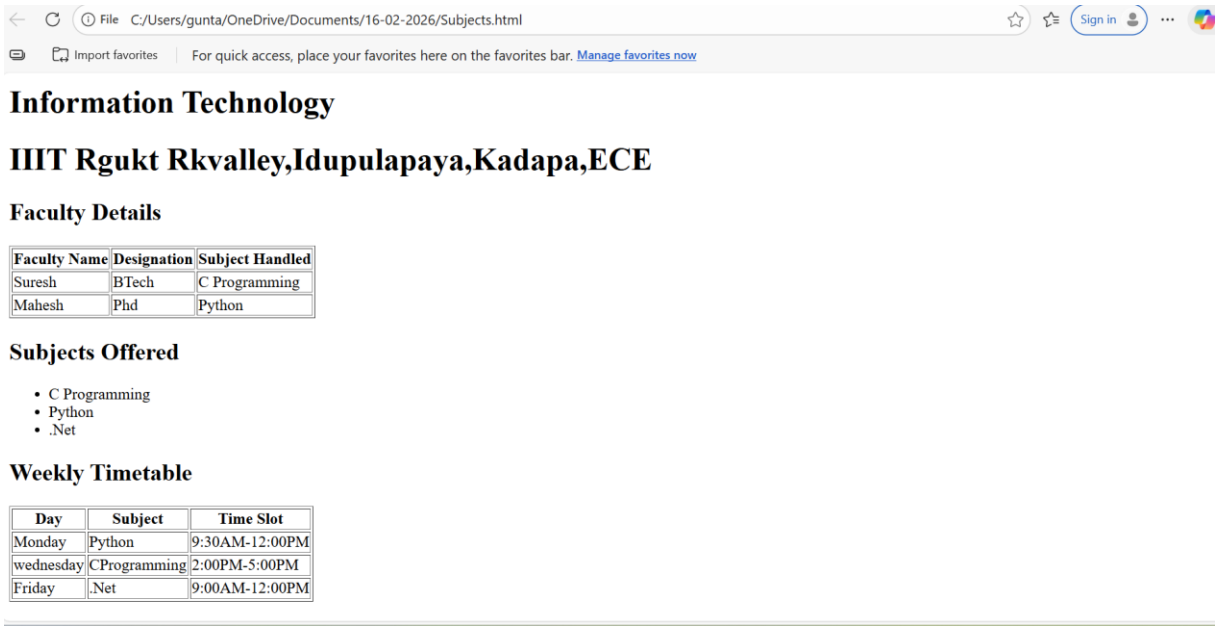
CODE:-

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Welcome</title>

</head>

<body>

    <h1>Information Technology</h1>

    <h1>IIIT Rgukt Rkvalley,Idupulapaya,Kadapa,ECE</h1>

    <section>

        <h2>Faculty Details</h2>
```

```
        <table border="1">
        <tr>
                <th>Faculty Name</th>
                <th>Designation</th>
                <th>Subject Handled</th>
         </tr>
        <tr>
                <td>Suresh</td>
                <td>BTech</td>
                <td>C Programming</td>
        </tr>
        <tr>
                <td>Mahesh</td>
                <td>Phd</td>
                <td>Python</td>
        </tr>
        </table>
</section>
<section>
        <h2>Subjects Offered</h2>
        <ul>
                <li>C Programming</li>
                <li>Python</li>
                <li>.Net</li>
        </ul>
</section>
<section>
        <h2>Weekly Timetable</h2>
        <table border="1">
                <tr>
                        <th>Day</th>
                        <th>Subject</th>
                        <th>Time Slot</th>
                </tr>
```

```
                <tr>
                    <td>Monday</td>
                    <td>Python</td>
                    <td>9:30AM-12:00PM</td>
                </tr>
                <tr>
                    <td>wednesday</td>
                    <td>CProgramming</td>
                    <td>2:00PM-5:00PM</td>
                </tr>
                <tr>
                    <td>Friday</td>
                    <td>.Net</td>
                    <td>9:00AM-12:00PM</td>
                </tr>
            </table>
        </section>
        <footer>
            <h4>College address</h4>
                <p>IIIT Rgukt Rkvalley</p>
            <h4>Contact Information</h4>
            <p>Contact:+91 *****
                <br>
                Email : abc@gmail.com
            </p>

        </footer>
</html>
```

OUTPUT:-



Code Explaination:-

This webpage is built to present department information in a clear and organized way using only HTML. Semantic elements are used to separate content meaningfully, making the page easy to read and understand for students and parents.
Faculty details and the weekly timetable are displayed using tables so that structured information appears in a clear row-and-column format. Subjects offered are shown using an unordered list since the order is not important. The footer neatly contains address and contact details.
Overall, the page demonstrates how proper HTML structure and semantic tags help create clean, maintainable, and future-ready web content.