

Assignment – 05(7th Feb 2026)

Title: Design a One-Page “College Department Information Portal” using HTML

Problem Statement

You are required to design a **single-page HTML web page** for a **College Department Information Portal**.

This portal will be used by students to view department details, faculty information, weekly schedules, facilities, and navigation links in a structured and visually clear format.

The web page must be developed using **HTML and basic CSS (internal or inline only)** and should strictly be **one single HTML file**.

Requirements

1. Page Title & Layout

- Set an appropriate **page title** using the `<title>` tag that reflects the department portal.
 - The page should contain a **main heading** and a brief introduction paragraph about the department.
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2. Horizontal Navigation Menu (Lists)

- Create a **horizontal navigation bar** at the top of the page using:
 - ``, ``, and `<a>` tags
- Navigation menu should include links such as:
 - Home
 - Faculty
 - Timetable
 - Facilities
 - Contact
- Apply CSS styling to:
 - Remove default list markers
 - Display the menu horizontally
 - Add hover effects on menu items

3. Faculty Details Table

Create a table to display **faculty information**, such as:

- Faculty Name
- Designation
- Subject Handled
- Experience

Table styling requirements:

- Use **zebra stripes** (horizontal).
 - Apply **hover effect** on table rows.
 - Add **horizontal dividers** between rows.
 - Use **padding** inside table cells.
 - Add a **caption** for the table.
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4. Weekly Class Timetable

Create a **weekly timetable table** for the department.

Mandatory features:

- Use `<colgroup>` and `<col>` to:
 - Style specific columns
 - Apply background colors to selected days
 - Use **rowspan** and **colspan** where required
 - Apply **vertical zebra stripes**
 - Combine **vertical and horizontal zebra striping**
 - Set table width and row height properly
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5. Facilities & Resources Section (Lists)

Create a section describing department facilities using **different types of HTML lists**:

- **Unordered list** for general facilities
 - Use different list-style-types (disc, circle, square)
 - **Ordered list** for laboratory usage rules
 - Use different numbering styles (A, a, I, i)
 - Start numbering from a custom value
 - **Description list** to explain key terms related to the department
 - Include **nested lists** wherever applicable
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6. Styling & Presentation

- Apply proper spacing and alignment for readability
 - Use CSS for:
 - Table styling
 - List styling
 - Hover effects
 - Ensure the page looks clean, structured, and user-friendly
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General Instructions

- Entire assignment must be created using **only one HTML file**
 - No external CSS or JavaScript allowed
 - Proper indentation and readability are mandatory
 - Content must reflect a **real-world college department scenario**
 - All tables and lists must clearly demonstrate the concepts taught in class
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Submission Details

- File name: `assignment4_department_portal.html`
- Submit the assignment **only through the Teachmint app**
- Late submissions will not be considered