

Practice Tasks

Task 1 :

As a developer, you have been given a task to create a list (that has to be added to the project) as shown in the “Expected Output” section. Create this list with the help of the appropriate HTML tags.

Expected Output:

Fruits

- Item: Apple
- Item: Banana
 - Subitem: Banana Slice
 - Subitem: Banana Smoothie
- Item: Cherry

Gadgets

- IV. Item 4: Laptop
- V. Item 5: Smartphone
 - A. Subitem A.1: iPhone
 - B. Subitem A.2: Android
- VI. Item 6: Tablet

Programming Languages

- Term 1: HTML
 - Definition 1: HyperText Markup Language
- Term 2: CSS
 - Definition 2: Cascading Style Sheets
 - Subterm 2.1: Flexbox
 - Subdefinition 2.1: A one-dimensional layout method
 - Subterm 2.2: Grid
 - Subdefinition 2.2: A two-dimensional layout method
- Term 3: JavaScript
 - Definition 3: A programming language that enables interactive web pages

Requirements:

- A. Each list should have an “h2” heading.
- B. The first list should have the following specifications:
 - ❖ The first list should be an ordered list.
 - ❖ The first list should contain the correct list of items.

- ❖ The first ordered list should have the correct list type and start value.
 - ❖ The first ordered list should have a nested unordered list.
 - ❖ The nested unordered list should have the correct list type.
- C. The second list should have the following specifications:
- ❖ The second list should be an unordered list.
 - ❖ The second list should contain the correct list of items.
 - ❖ The second unordered list should have the correct list type.
 - ❖ The second unordered list should have a nested ordered list.
 - ❖ The nested ordered list should have the correct list type and start value.
- D. The third list should have the following specifications:
- ❖ The third list should be a description list.
 - ❖ The Description List should contain correct dd and dt tags.

Task 2:

As a developer, you have been given a task to create a user input form (that has to be added to the project) as shown in the “Expected Output” section. Create this form with the help of the appropriate HTML tags.

Expected Output:

Contact Us

Enter Your Details

Name :

Password :

Gender :

☒ Male ☐ Female

Interests :

☐ Programming ☐ Design ☐ Music

Country :

United States ▼

Message :

Submit

Requirements:

- A. The form tag should be present with the following attributes.
 - ❖ action attribute should be present with the correct value.
 - ❖ method attribute should be present with a "post" value.
- B. The form should have a fieldset followed by a legend tag.
- C. There should be a correct number of input tags present in the form.
- D. Each input tag should be present with the label tags.
- E. Each input tag should be present with the following attributes wherever required:
 - ❖ id
 - ❖ name
 - ❖ placeholder
 - ❖ required
- F. The input tags should be present with the following types as per the output shown above:
 - ❖ text
 - ❖ password
 - ❖ checkbox
 - ❖ radio
- G. The checkbox and radio button inputs should have the following attributes as well:
 - ❖ name
 - ❖ value
- H. Each Input Tag with type radio should have the same 'name' value.
- I. Select tag should be present with the label tag and have the following specifications:
 - ❖ The select tag should have three option tags.
 - ❖ Each option tag should have the 'value' attribute.
- J. The textarea should be present with the label tag and have the following attributes:
 - ❖ id
 - ❖ name
 - ❖ rows
 - ❖ cols
 - ❖ required

Task 3:

As a developer, you have been given a task to create a table (that has to be added to the project) as shown in the “Expected Output” section. Create this table with the help of the appropriate HTML tags.

Expected Output:

Sample Table

Employee ID	Personal Information		Department
	Name	Email	
001	John Doe	john@example.com	IT
002	Jane Smith	jane@example.com	HR
003	Bob Johnson	bob@example.com	Marketing
Total Employees: 3			

Requirements :

- A. The table tag should be present.
- B. The table should have correct “tr” tags.
- C. The table should have the correct “th” tags.
- D. The table should have a “thead”, “tbody”, and “tfoot” tags.
- E. The rowspan or colspan should be used correctly.
- F. The rowspan or colspan should be used correctly in the table footer section.

Task 4:

You're tasked with crafting an HTML website based on the given specifications. Feel free to use the online resources for help and let your creativity run wild as you bring your unique vision to life on the web.

Project: Gym Website Development

Objective:

Create a user-friendly gym website using HTML. The website should provide information about the gym's services, facilities, class schedules, and contact details. It should also include a membership registration form.

Website Requirements:

Home Page:

- A. Include a header with the gym's name and a navigation menu linking to different sections of the website.
- B. Add a welcoming message introducing the gym.
- C. Display high-quality images of the gym's interior, equipment, and trainers.
- D. Briefly describe the gym's mission, vision, and core values.

About Us Page:

- A. Include information about the gym's history, founders, and mission.
- B. Highlight key features, facilities, and services offered by the gym.
- C. Introduce the gym's trainers and their expertise.
- D. Showcase any awards, certifications, or recognitions received.

Classes Page:

- A. List the different classes offered by the gym, such as cardio, strength training, yoga, etc.
- B. Include details about class schedules, durations, and instructors.
- C. Add images or videos showcasing classes in action.
- D. Provide a brief description of each class and its benefits.

Facilities Page:

- A. Display information about the gym's facilities, including workout areas, equipment, and amenities.
- B. Include images or a virtual tour of the gym's interior.
- C. Mention special features or services, such as a sauna, swimming pool, or nutrition counselling.

Contact Us Page:

- A. Provide the gym's contact details, including address, phone number, and email.
- B. Embed a Google Map to show the gym's location.
- C. Include a feedback form for users to submit inquiries or feedback.
- D. Add links to social media profiles if applicable.

Membership Page:

- A. Create a registration form with fields for the user's name, email, phone number, preferred membership plan, etc.
- B. Include information about different membership plans, pricing, and benefits.
- C. Highlight any promotions, discounts, or offers available for new members.
- D. Include a "Submit" button to process the membership registration form.

Additional Features:

- A. The website should be developed using HTML only.
- B. Implement semantic HTML tags for better accessibility and structure.
- C. Use appropriate HTML tags for text formatting, images, links, and forms.
- D. Consider adding a footer with links to privacy policies, service terms, and other relevant pages.

Note:

You are encouraged to explore additional HTML features and tags to enhance the overall user experience and visual appeal of the gym website.