

**CS 213: System Software Lab**  
**Autumn 2024, IIT Dharwad**  
**Assignment-4**  
**HTML,CSS**

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- 1) Create forms in HTML and CSS with the specified input fields: Name, Email, Password, Gender (Radio button), Hobbies (Checkbox), and a Submit button. The form should accept only the English language. HTML web page should be responsive to different screen sizes, such as mobile phones, tablets, and desktops. The input field such as Name, Email, Password should follow the corresponding input type and fields are mandatory. The submit button should follow the hover effect on placing the cursor on it; its color should change from green to red.

The requested registration form should contain different css files such as: fonts.css, form\_container.css, form\_group.css and submit\_btn.css. Please follow the sample registration form provided below for your understanding.

Description of the various stylesheet files are as follows:

- a) The fonts.css file consists of a property font family of type “sans-serif”.
- b) form\_container.css file represents the body of the registration form where the border color is blue, background color as “#f9f9f9” and add other properties as applicable.
- c) form\_group.css file represents the different input fields of the form and add the necessary properties as applicable.
- d) submit\_btn.css file represents the property related to the button and the hover effect (changing from green to red).

**[13 Marks]**

**Registration Form**

Name:

Email:

Password:

Gender:

Male

Female

Other

Hobbies:

Reading

Sports

Music

- 2) Create a web page with a header, a main content section, and a footer. The header should include a navigation menu with links. Style the header with a background color and make the navigation links horizontal. Ensure the html page is compatible in both desktop and mobile devices, providing a better user experience across different screen sizes and it accepts only the english language. The requested web page should contain different css files such as: inbody.css, header.css, navbar.css, main\_content.css, footer\_content.css

Please follow the sample web page provided below for your understanding.

Description of the various stylesheet files are as follows:

- a) The inbody.css file consists of the property font family of type “sans-serif” and margin length.
- b) header.css file represents the header with background color as “light green” and add other properties as applicable.
- c) navbar.css file represents the different navigation menu which can be displayed using inline and add the other necessary properties as applicable. The hover effect should be observed on moving over the navigation link i.e from light green to green.
- d) main\_content.css file represents the contents in the webpage, add the properties based on the requirement.
- e) footer\_content.css describes the properties of the footer with its background color as sky blue and adds the other properties as necessary.

**[12 Marks]**

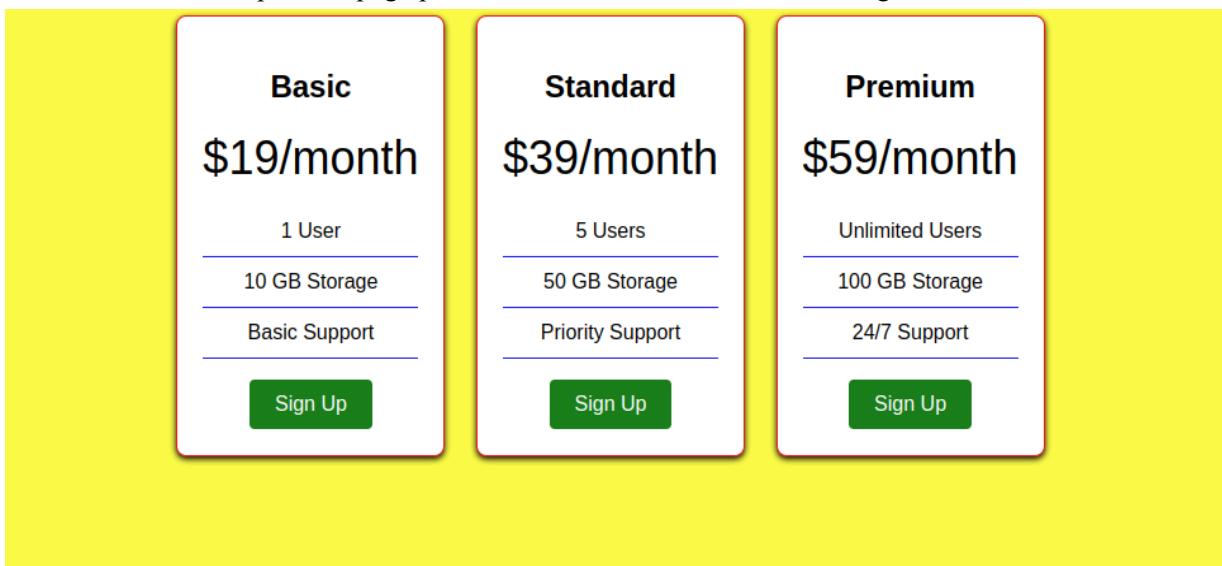
- 3) Design a pricing table with three different plans (e.g., Basic, Standard, Premium). Each plan should include a title, a price, and a list of features. Style the pricing table with borders, background colors, and hover effects. The requested web page should contain different css files

such as: inbody.css and pricing-card.css. In this there are three pricing cards of the title Basic, Standard, Premium.

Description of the various stylesheet files are as follows:

- a) The inbody.css file represents the general body styles which consists of the property font family of type “sans-serif”, margin length, text alignment and background color.
- b) pricing-card.css file consists of various components: plan title, plan style, list of features and button styling. The pricing card itself should have an hover effect where on moving any of the pricing cards the box shadow property will change from default 0 2px 5px to 0 4px 10px. The pricing-card also consists of various properties other than box-shadow, such as margin of 10px and padding of 20px, display of type inline-block, similarly add other properties as required. The plan title in the pricing-card font size of 24px. The plan styling in the pricing-card font size of 36px. The list of features should be appropriately considered based on the below web page. The pricing button has an hovering effect from green to light green.

Please follow the sample web page provided below for better understanding.



[15 Marks]

**Instructions:**

- Posted on: 12/09/2024
- Due date: 19th September 2024 (11:59 PM)
- The assignment is available in the drive folder and in the moodle.
- The mode of submission is Moodle. Any other kind of submissions are not accepted.
- Please ensure you submit your html and css files as named below. If not this will be considered as a naming convention violation accordingly the marks will be deducted.
- Save all the scripts as:
  - Q1) first.html, fonts.css, form\_container.css, form\_group.css, submit\_btn.css
  - Q2) second.html, inbody.css, header.css, navbar.css, main\_content.css, footer\_content.css
  - Q3) third.html, inbody.css, pricing-card.css

- Please zip all your script files, and submit a single file named "<roll-no>.zip", where <roll-no> should be replaced with your IIT Dharwad roll number.
- If you have violated the naming convention then you will be awarded a **10%** penalty of your secured marks.
- There will be a 100% penalty for plagiarism.
- Introducing irrelevant code is considered as malpractice.
- Late submission files are not considered for evaluation.