

**CS 213: System Software Lab**  
**Autumn 2023, IIT Dharwad**  
**Assignment-6**  
**HTML and CSS-Bootstrap**

---

Create the static pages for each following tasks separately.

[Note#1: Diagrams are provided only as representations.]

[Note#2: Use Bootstrap, Bootstrap flex to achieve the look of the diagrams provided]

**Task#1: Login Page**

[3 Marks]

The page should contain the following items:

- Site name and an icon,
- A form with fields for username and password.
- Submit button
- On clicking submit it has to redirect to the landing page.

The diagram illustrates the layout of a login page. It consists of a light blue rectangular container. Inside, the elements are arranged vertically and centered. At the top, there is a circular icon placeholder (a circle outline) followed by a rectangular box labeled "Site Name". Below this, the text "Username" is followed by a rectangular input field. Underneath, the text "Password" is followed by another rectangular input field. At the bottom, there is a rectangular button labeled "Submit".

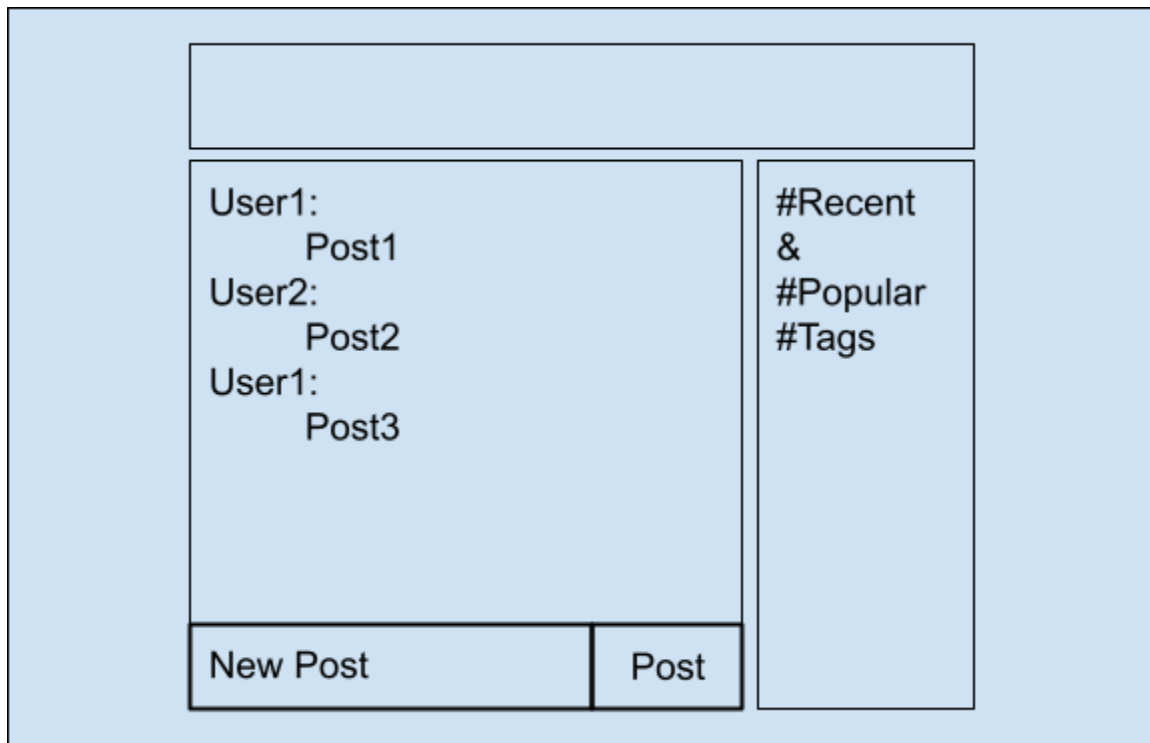
[Hint #1: use flexbox container and flexbox to center the page (both vertical and horizontal), use bootstrap components for the form]

## **Task #2: Landing Page**

[4 marks]

The page should contain the following items:

- Header that will have the site name and logo and Profile name of the user and a logout link that will redirect to the login page.
- Left column containing posts.
- Bottom of the left column containing a form that accepts new posts and the post button.
- Right column containing all the popular tags.
- Clicking the profile name should redirect to the profile page.



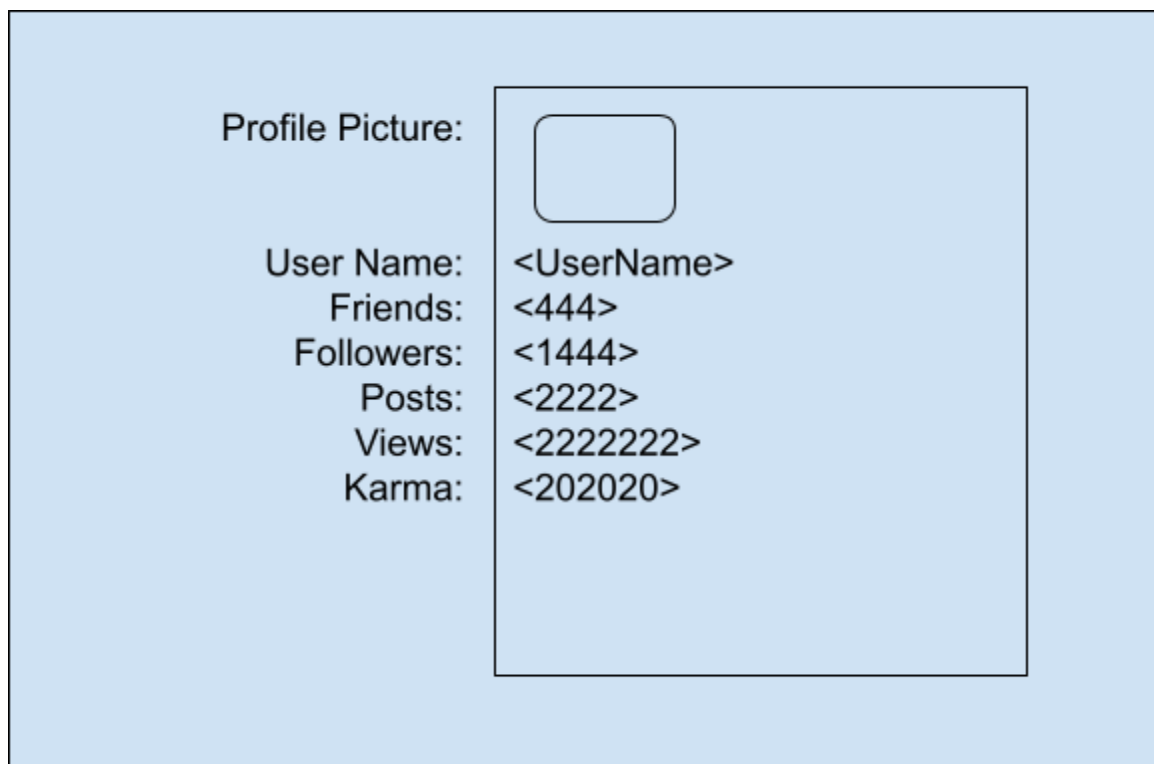
[Hint #2: the page width is 1000px the container on the right is of width 200px, for now the page is static so there is no need to update the page for the post button. Style (CSS task#4) the divs so that it looks like separate posts.]

### **Task #3: Profile page**

[3 Marks]

The page should contain the following items:

- Profile picture
- User Name
- Number of Friends
- Number of Followers
- Total number of posts
- Total number of views
- Total karma gained
- Home button which will take you to the landing page



### **Task #4: CSS**

[3 Marks]

- Use an External Cascading Style Sheet
- Choice of: font (not more than 2), font colors (not more than 3), background color (not more than 3), font sizes (not more than 3) and content - are all left to the students discretion.
- Use CSS to update the font and background properties.
- You are allowed to style the Bootstrap and Bootstrap Flexbox classes as well to get a consistent look and feel

**Instructions:**

1. Posted on: 30-10-2023
2. Due date: 05-11-2023, 11:59 PM
3. Mode of submission is moodle. Any other kind of submissions are not accepted.
4. Four files need to be submitted with the following filenames
  - a. <roll-number>-login.html
  - b. <roll-number>-home.html (i.e., landing page)
  - c. <roll-number>-profile.html and
  - d. <roll-number>-style.css
5. To be considered for the evaluation without penalty, you have to submit your program by the due date. No single minute relaxation on late submission.
6. ***Copying others' programs and allowing others to copy your program are serious offenses and a deserving penalty(100%) will be imposed if found.***