

# Lab Activity 5 - HTML & CSS

Software System Development – Monsoon 2023

**Due Date: 13 September 2023, 05:00 pm**

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## Instructions:

- Deadline mentioned during the Lab is strictly immutable. No extensions will be given.
- Any naming convention mentioned in the lab activity must be followed strictly or marks may be deducted for the same.
- Any plagiarized content will fetch zero marks for the current lab and will be followed by strict action against the students involved. However, discussion of ideas is allowed.

## Submission Criteria:

- Create a folder with your **roll number as its name** and containing the following files corresponding to the questions:
  - **Two HTML files and one CSS file**
  - **<README.md**
- Compress the folder as a zip file (**name should be <roll\_number>.zip**) and then upload it on the Moodle before deadline.
- **README.md** should contain steps for execution of your script and any extra information that you want the evaluator to know before running your script, such as dependencies on some external tools or libraries.
- For Example:

**2022201079.zip**

|\_\_\_**2022201079**

|\_\_\_**index.html**

|\_\_\_**videoPage.html**

|\_\_\_**styles.css**

|\_\_\_**README.md**

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## Question 1: (7 Marks)

Create the following two pages fulfilling the given requirements:

(The styling of the pages is covered in the next question so you can focus only on the functionalities for this question)

1. **index.html: This will act as a login page.**
  - a. Provide Heading to the page. (½ mark)
  - b. Two input fields – Username and Password.(½ mark)
  - c. Login Button – when clicked, navigate the user to the next page (videoPage.html).(Note: No authorisation required) (½ mark)
  - d. Use Placeholder in Username and Password fields and make them mandatory before clicking the login button. (1 Mark)
  - e. Place all the above elements in a common div container.(½ mark)
2. **videoPage.html:** This page will contain an **in-frame youtube video** of some Movie Trailer. Below that is a Table which will have movie name, cast and Rating ( take any one movie of your choice ). After that a small description about that movie (can use Lorem Ipsum text for this).
  - a. Provide Heading to the page.(½ mark)
  - b. Logout button - when clicked, navigates back to login page(½ mark)
  - c. YoutubeVideo of the movie trailer.(1 Mark)
  - d. Table with 3 rows: Movie Name, Cast, IMDB Rating (1 Mark)
  - e. Small description of movie.(1 Mark )

## Question 2: (13 Marks)

Create a stylesheet called **style.css** and use it for the following styling:

1. **Login Page ( index.html ):**
  - a. Position the common container containing all the elements to the center of the window. (1 Mark)
  - b. Add any Background image/Background color. (Optional: Look for linear gradient to make it look elegant) (1 Mark)
  - c. Box-shadow property around the login container.(1 Mark)
  - d. Rounded corner of the login container.(1 Mark)
  - e. Change input field border color on hover & Login Button color and its text color change on hover.(1 Mark)

**2. Video Page (videoPage.html):**

- a. Video box, Table, and description should be in the center of the window.(1 Mark)
- b. Add any background color/background image and change the font family to Arial.(1 Mark)
- c. Add padding and border to the table.(1 Mark)
- d. Any background color to the table heading row.(1 Mark)
- e. Logout button should be in the top right corner.(1 Mark)

**3. Common for both pages:**

- a. Any form field must be mandatory.(1 Mark)
- b. All boxes should have rounded corners.(1 Mark)
- c. All buttons should have a hover effect.(1 Mark)