ADL Lab-3: Assignment

PART ONE – Home Page (HTML Only, No CSS)

1. The web page must display “e-Exam Portal” as the title.

2. The Home Page must include:

  - An image

  - A paragraph describing the services the website provides

3. Add four sections/services as hyperlinks, each redirecting to a separate page:

  - e-Exam

  - OpenForum

  - e-Repository

  - MyWall

4. Use the div tag for placing img, p, a, and list elements.

5. Include a search bar (no functionality required).

6. Include a Login/Register dashboard:

  - Login → No functionality

  - Register → Must redirect to registration.html

7. Include a footer with inactive (dummy) links.

Note:

Use only HTML5 in Part One (no CSS).

Any Web Development IDE may be used (VS Code, Notepad++, Sublime, IntelliJ, etc.)

PART TWO – Registration Form (HTML Only)

Create registration.html containing a Registration Form with the following fields:

a. Name – Text Field

b. ID – Text Field

c. Password – Password Field

d. E-Mail ID – Text Field

e. Age – Text Field

f. Date of Birth (DOB) – Date Field

g. Gender – Radio Button

h. College Address – Text Area

i. Branch – Select/Option Group

j. Technical Skills – Checkbox (C, Java, Python, JSP)

k. Upload Resume – File Upload

l. Submit & Reset Buttons

Instructions:

1. Do not use method, action, or actual submit functionality.

2. The complete form must be placed inside a table with proper indentation.

3. Clicking Register on the home page must redirect to this form.

4. Reference: https://www.w3schools.com/html/html_form_input_types.asp

PART THREE – Apply CSS (Inline + Internal + External)

1. Assign id and name to every HTML element used in Part One and Part Two.

2. Use CSS to design the pages.

3. Your code must include all three types of CSS:

- Inline CSS

- Internal (document-wide) CSS

- External CSS (stored in a separate .css file)

4. Demonstrate all CSS inclusion methods:

1. Linking or importing an external stylesheet

2. Adding internal CSS inside the <style> tag in the <head>

3. Using inline style directly in an HTML element

5. Use different CSS selectors:

- Element selector

- ID selector

- Class selector

Note:

Refer to Chapter 4: Introduction to CSS (Page 453 & 471).

Ensure CSS is applied meaningfully across the website.

Home Assignment:

6. Apply following css concepts on appropriate html elements in the pages of PART 1 and PART 2.

Reference: https://www.w3schools.com/css/

CSS Colors

CSS Backgrounds

CSS Borders

CSS Margins

CSS Padding

CSS Height/Width

CSS Box Model

CSS Outline

CSS Text

CSS Fonts

CSS Icons

CSS Links

CSS Lists

CSS Tables

CSS Display

CSS Max-width

CSS Position

CSS Z-index

CSS Overflow

CSS Float

CSS Inline-block

CSS Align

CSS Combinators

CSS Pseudo-classes

CSS Pseudo-elements

CSS Opacity

CSS Navigation Bar

CSS Dropdowns

CSS Image Gallery

CSS Image Sprites

CSS Attr Selectors

CSS Forms

CSS Counters

CSS Website Layout

CSS Units

CSS Specificity

CSS !important

CSS Math Functions