National University of Computer and Emerging Sciences

Laboratory Manual

for

Web Engineering
(SL3003)

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Quiz: 1

Instructions:

- Write the **HTML, CSS** code as per the given requirements.
- Ensure the form elements are displayed **side by side** on large screens and **stacked vertically** on mobile devices.
- The code should be **properly indented and formatted**.

Submission Instructions:

Copy all your code into a word document and add screenshots.

Task: Create a Responsive Form

Part 1: HTML Form Requirements

Create an **HTML form** with the following specifications:

1. **Form Fields:**

   - **Your Name*** (text input)
   - **Email ID*** (email input))
   - **Your Birth Year** *(number input)
   - **JavaScript Frameworks*** (checkboxes: React, Angular, Django, Vue)
   - **Gender *** Radio Buttons
   - **Submit Button**

*Note: * indicates the required field that can't be left empty.*

2. **Layout Requirements:**

   - On **large screens**, form elements should be **side by side in 2 columns**.
   - On **mobile devices**, the form should stack **vertically**.

Part 2: CSS Styling Guidelines

Large Screen:

- The form should have a **centered container** with a light background and padding on large screen.
- Labels should be aligned properly with inputs.
- The checkbox and radio options should be formatted neatly.
- The submit button should have a **hover effect**.
- For headings use font size 32, for labels and buttons font size 26.

Small Screen:

- On mobile devices, the form should have a dark mode, change background into a dark color and set everything else to be visible on a dark background accordingly.
- Reduce the font size on mobile screen for a better experience. For headings use font size 20 and for labels and buttons use font size 14.