

# National University of Computer and Emerging Sciences, Lahore Campus



Course:	Web Engineering Lab	Course Code:	
Program:	BS(Computer Science)	Semester:	Spring 2024
Duration:	2 hours	Total Marks:	100
Date	18-03-2024	Weight	20
Section:		Pages:	02
Name:		Roll No.:	

## **Exam instructions: READ ALL INSTRUCTIONS CAREFULLY.**

1. Understanding the question is also part of the quiz, so do not ask for any clarification. Make suitable ASSUMPTIONS in case of any issues.
2. Final Submissions should be done on xeon as well as on Google classroom on your respective section folder on:

**\\Xeon/Spring 2024/Marwa Khan/Web Engineering Lab/Quiz/Submissions**

Question must be saved with your roll no e.g: “20L-4444”. Multiple submissions are not allowed (if done, only the first one will be considered). In case of missing or corrupt file submission, all the responsibility will be on the student himself.

- Submission will have two files “20L-4444\_Q1” and “20L-4444\_Q2”, with the **screen shot** of both desktop screen and mobile screen in case of responsive else only desktop screen.
3. Your cell phones/smart watches **MUST** be turned off and placed far away from the PCs.
  4. It is your responsibility to protect your code and save it from being copied. If you don't protect it, all matching codes will be considered copy/cheating cases. **No leniency on plagiarism.**
  5. **This is an open book paper and internet is allowed in this exam.** You are required to make sure you delete everything from the Desktop of your windows. Also delete all the files permanently from Recycle Bin and Trash respectively for Windows, no student should be found using gmail or any other means of code sharing.
  6. **Submission should also have screen shot of the output.**
  7. **Your Mid exam will be immediately cancelled if:**
    - i. **You are seen talking, whispering, borrowing or looking at someone's PC.**
    - ii. **A USB is found attached to your PC.**
    - iii. **You are seen using a cell phone/smart watch.**

## **Question:**

Write a code to achieve the following template, you have to follow the following restrictions:

- i. Use div
- ii. Use internal css
- iii. The page should be responsive



## Rubric:

- HTML→15 Marks
- CSS→25 Marks
- Responsive →10 Marks

- Page accuracy according to given template→10 Marks

### Question:

Write a code to achieve the following template, you have to follow the following restrictions:

- Make a form
- Use internal css
- Use javascript:
  - Add checks according to the mentioned fields e.g assignment marks should be between 0 to 10 if not error message should be displayed.
  - The total field will have sum of Assignment marks, Quiz marks, Mid marks and Final marks and this should be done.
  - Proper checks should be placed for required field.
  - All the things should be verified when SUBMIT button is clicked.
  - On clicking reset button all the fields should be blank.

The form is a two-column layout. The left column contains the following fields from top to bottom: Name (required), Roll Number (required), Email (required), Semester, Section (required), and Total. The right column contains: a dropdown menu for 'Select Any Course (Total Marks: 100)' with radio buttons for 'Web', 'OOP', and 'Mobile'; 'Enter Assignment Marks (0-10) (required)', 'Enter Quizzes Marks (0-10) (required)', 'Enter Mid Exam Marks (0-30) (required)', and 'Enter Final Exam Marks (0-50) (required)'. At the bottom right are two buttons: a green 'SUBMIT' button and a light gray 'RESET' button. The form is enclosed in a black border with a green vertical bar on the left side.

Desktop

### Rubric:

- HTML and CSS→5 Marks
- JavaScript
  - Empty checks→10 Marks
  - Range conditions→10 Marks
  - Total→10 Marks
  - Reset button setting field to empty→5 Marks

**Best of Luck ☺**