

Web Engineering (SE3003)

Date: April 4th 2024

Course Instructor

Mudassir Saeed

Sessional-II Exam

Total Time: 1 Hours

Total Marks: 35

Total Questions: 03

Semester: SP-2024

Campus: Lahore

Dept: Software Engineering

Student Name

Roll No

Section

Student Signature

Note: One A4 double-sided handwritten cheat sheet only Allowed. No printed paper and any other helping material allowed.

CLO # 3

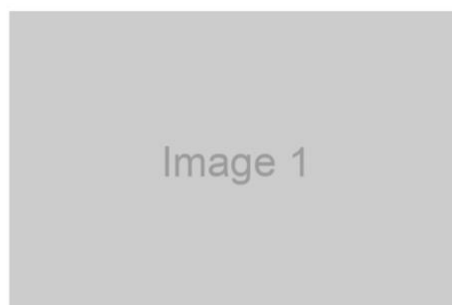
Q1: You are working on an image gallery where users can click on thumbnail images to view them in a larger size. Implement a functionality where:

- When a thumbnail image is clicked, it should replace a larger image in a designated "gallery" area.
- There should be a "Next" button to cycle through the images in the gallery.
- When the last image is reached and "Next" is clicked, it should loop back to the first image.

Write jQuery code to achieve this functionality. Your code should:

- Use an array of image URLs to represent the gallery.
 - Display the first image in the gallery when the page loads.
 - When a thumbnail image is clicked, it should replace the current image with the clicked image.
 - Clicking the "Next" button should display the next image in the gallery, looping back to the first image if the last image is reached.
- [15]

Image Gallery



CLO #: 3

Q2: When the page loads, it prompts the user with a message to choose an option:

- If the user enters 1, they are prompted to enter two numbers, and the webpage displays their sum.
- If the user enters 2, they are prompted to enter two numbers, and the webpage displays their product.
- For any other input, it shows an alert message for wrong input. [10]

CLO #: 3

Q3: Imagine you're working with JavaScript to manage student information. Create a JavaScript object named myObject that represents a student. The student's details are as follows:

- Name: John
- Age: 25
- Course: JavaScript

Inside the myObject, define a method named sessional that does the following:

When called, this sessional method will log a message to the console in a professional format, indicating that the student is attending a sessional for their course. The message should be in the following format:

[Name] is attending the [Course] sessional

Your task is to create this myObject with the specified properties and method, and then call the sessional method of the myObject object. [10]