	University of Jeddah (UJ)
	College of Computer Science and Engineering (CCSE)
	Department of CS & AI

CCCS 225 Operating Systems

Lab Project

5 Marks Project + 5 Marks Presentation = 10 Marks

PLO V1 CLO 3.1

A list of simulation project ideas is given (Programming the Operating Systems Techniques). You can choose **any two** from the list. Tool: C using Linux

1. First Come First Serve (CPU Scheduling)

2. Shortest Job First

3. Shortest Remaining Time First

4. Page Fault Frequency

5. First In First Out (Page Replacement)

6. Round Robin Scheduling

7. Most Frequently Used

8. Least Recently Used

9. Second Chance

10. Enhanced Second Chance

11. First Come First Serve (Disk Scheduling)

12. Shortest Seek Time First

13. SCAN

14. C-SCAN

15. C-LOOK

Submission Instructions:

Step 1: Team Formation

Form your team consisting of any 3 students.

You have to submit your team members' names and student numbers to your Lab Instructor.

Step 2: Project Submission

To submit your project, one team member should upload a project report containing the following items through the assignment created on BlackBoard:

1. Project report in Power Point (.PPT file) format that includes the following:

    a. Project title

    b. Names and Student IDs of team members

    c. Take a screenshot of project code (C using Linux).

    d. Features and capabilities of your project

    e. A simple user manual instructing a new user on how to use your program

2. A breakup of tasks across team members (who did what?)

Step 3: Project Presentation

You have to present your project (program execution) and the project report (power point presentation) at a date provided by the lab instructor.