


Operating System (CSC 330)

BSCS- 5th A

 Bahria University Discovering Knowledge	Department of Computer Science Bahria University, Lahore Campus
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Assignment No 1

Due Date: May 13, 2024

Total marks = 5

Name:

Roll No:

CLOs
CLO2: Apply the concepts of memory management, I/O management CPU management and processor management etc.

Guidelines:

- Assignments are strictly individual (not in groups).
- Assignments should be handwritten and concise.
- Sharing assignment ideas, copying the content, and solution is permissible with your class fellows (if anyone found with such case, maximum marks of any member will be divided by number of persons who copied with each other).
- Please submit the assignment as per the given deadline. Late submitters will be penalized.
- Use blank A4 size page for assignment submission.
- Submit the hard copy of assignment during class (on the day of deadline) and scanned copy at LMS on or before due date.

Marks Evaluation Criteria:

Feature	Assessment Criteria	Marks
Present ability	The assignment is clean, properly formatted, table of contents, title page contains the name/logo of the institute, submitter's name, teacher's name.	0.5
Assignment Content	Questions solved correctly and presented effectively.	4
Deadline Met	Assignment is submitted within a given deadline.	0.5
Deadline Missed	Assignment deadline is missed / and submitted late.	-0.5 / and -0.5 per day

Question – 1:

Explore the internet, find the CPU scheduling scheme simulators. Choose any of your own choice and implement the First Come First Serve (FCFS), Shortest Remaining Time First (SRTF), Priority, and Round Robin CPU scheduling schemes.

Note:

- Implement each with a suitable example system of process (min five processes in each).
- Add the possible screenshots of your whole screen (no selected area, it would not be accepted).
- It must be clearly shown which member performs which scheme(s).

Do your own, some One is watching!

Best of Luck!