



United International University (UIU)
Department of CSE
Trimester: Summer 2023
Course Name: CSE 4510 | Operating System Laboratory

Submission Guideline:

- Write the bash commands in a text file.
- Rename the text file with your 9-digit student ID, and give an extension to .sh.
- Submit the text file.

Please do not copy codes from others/the internet. Each of the offline assignments will be evaluated with a viva. You must be able to explain your code. Also, we will run a copy checker on the submissions. Any plagiarism will be severely penalized.

Time:

Total Marks: 25

Write a shell script UCAM which has the following behavior:

./UCAM dept_new <dept name>: Creates a file with the name as <dept name.txt>

Example: **./UCAM dept_new CSE**
[creates new file with the name CSE.txt]

./UCAM dept_del <dept name>: Deletes the file with the name <dept name.txt>

Example: **./UCAM dept_del CSE**
[deletes the file with the name CSE.txt]

./UCAM student_new <studnet name> <student ID> <dept name>: Adds this student (name, id, dept) in the corresponding dept file. Do not add this student if the <dept> does not exist, or if the student already exists in ANY dept file.

Example: **./UCAM student_new Adeeb 011201309 CSE**
[adds 'Adeeb 011201309 CSE' to the file CSE.txt]

./UCAM student_del <student name> OR <student ID>: deletes the entry for that student from ANY of the dept.

Example: **./UCAM student_del Adeeb**
[delets info of 'Adeeb' from ALL the files]

OR

./UCAM student_del 011201309
[delets info of '011201309' from ALL the files]