

Operating Systems

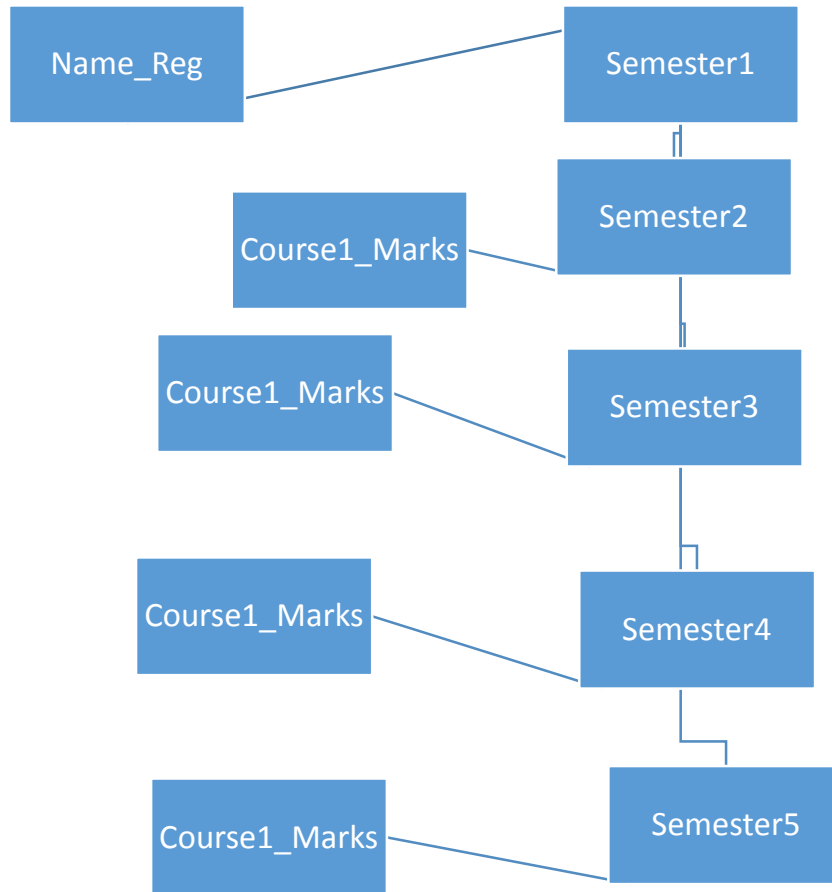
Lab Exam

Date: 18/01/23

Name:

Registration Number:

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***Solve the following questions on the tux1 user, not on the GUI***

**Question 1(5 marks)**

Create a bash script file that creates the file structure holding the following:

- A directory with your name and registration number is created on the Desktop
- Inside of it, the semester you already finished at the college
- Among each subdirectory, a list of files with the courses you took and your marks among the semester, 7<sup>th</sup>, 12<sup>th</sup>, semester work and final.

**Question 2(5 Marks)**

Create a bash script file that adds a new file named transcript that contains, courses names and the grade besides it.

The script has to calculate the grade according to the sum of marks.

**Question 3 (Bonus)**

Write a new shell script to calculate the GPA according to the grades above.

**Note: It's your responsibility to deliver your answers to the examiner**

*Best wishes*