

CSC-430/530 – Database Management Systems/Database Theory

Lab 2: EXERCISE

TIME: 45 mins



INSTRUCTIONS

- a. Write the corresponding DML SQL queries for all questions below.
- b. Each Question carries 2 marks each.
- c. Turn in your answers on MOODLE as a .docx file
- d. Use Lab - Handout 2 as a guide.
- e. NOTE: DO NOT access internet and no peer guidance.

Question 1: Using aliasing, select the names and grades of students with Grade greater than 3.0.

Question 2: For each student compute the average between their grade and their ProfessorEval and sort the result in ascending order.

Question 3: Use a subquery in the FROM clause to find those students belonging to the 'Education Department' who have taken course numbered 101.

Question 4: Find those courses that were taken by student that do not have any prerequisites

Question 5: List all the courses that have prerequisites (using EXISTS)