Lab # 7: SQL: DML, DCL

Subject: **Database Systems**

Course: **BESE15 B**

Date: **2ⁿᵈ November, 10**

TASK:

1. Create a table 'dept_copy' with the same structure as dept.
2. Create a table emp_copy with the same structure as emp;
3. Copy data from emp to emp_copy;
4. Copy data from dept to dept_copy;
5. Insert new rows to emp_copy and dept_copy tables by taking values from user.
6. Change the name of employee Smith to Drexler in emp_copy table.
7. Change the salary to 1000 for all employees with a salary less than 900 in emp_copy table.
8. Modify the emp_copy table to allow for longer employee names.

Further Reading: Introduction to Oracle SQL, chapter 9, chapter 10, chapter 11.

Home Assignment:
Submission Date: 3ʳᵈ Nov, 2010.

Create tables:
    Student:
    Attributes: STUDENTID Primary Key
                       Student name
                       Campus Address
                       Major
    Course Instructor:
    Attributes: CourseID Foreign Key
                       Course Title
                       Instructor Name
                       Instructor Location
    Registration:
    Attributes: Student ID Foreign Key
                       Course ID Primary Key
                       Grade
    Populate these with data.

Create tables:
Persons:
Attributes: PersonID   Primary Key
                        Last Name   Not null constraint
                        First Name   Not null constraint
                        Address
                        City

Orders:
Attributes: OrderID   Primary Key
                        OrderNO Not Null
                        PersonID   Foreign Key