Laboratory Assignments
Subject: Introduction to Databases
Subject code: CSE 3151

Assignment 2: Practicing DDL and DML Commands

Objective of this Assignment:

- To solve simple queries using DDL and DML statements over tables based on assignment 1.

1. Write the SQL Expressions for the following SQL Queries and verify it in your PC by executing it.

    a) Display the structure of all the tables you have created in assignment (1).
    b) Display the contents of all the tables you have created in assignment (1).
    c) Display the name and department of each instructor.
    d) Display the name and salary of Comp. Sci. Instructors.
    e) Display the records of instructor who belongs to Physics department and getting salary less than 90000.
    f) Display the name of the instructors who do not belong to Comp. Sci. Department.
    g) Display the names of the different department distinctly available in Instructor table.
    h) Display all Course_id's that are taught in Spring semester of 2009.
    i) Display course titles that are taught in Comp. Sci. Department and do not have credit equals to 3.
    j) Display all columns of course table sorted in descending order of department names.
    k) Add a date_of_join column to instructor table.
    l) Insert date values to existing rows.
    m) Change the name of dept_name to department in all the tables.
    n) Change the name of "Prereq" table with new name "Prerequired"
    o) Change Course_id column name to Sub_code.
    p) Change the data type of name to varchar (50).
    q) Change the name of Instructor table to Faculty_Info.
    r) Change the Column size of Course_id in Course table from 10 to 8.
    s) Delete the content of the table Prereq along with its description.
    t) Change the column name 'Building' of Department table by new column name 'Builder'.