CSE 4308
Lab 02

[Please write all your codes in a txt file for evaluation.]

1. Connect to the Database using command line and execute all the queries written inside the handout.
    (Do not copy-paste the commands from handout. If syntax error occurs, fix it!)

2. Create a user named USERxx (xx = your student id) with password 'iutcse'. Grant the user sufficient privilege to connect and create the following tables:

    Students (*Student_Id*, Name, Semester, No_of_course_taken, Department, Head_of_dept)
    Marksheet (Student_ID, Course, Marks)

Students

Student_ID	Name	Semester	No_of_course_taken	Department	Head_of_dept
150001	Sullivan	3rd	12	CSE	Lucifer
152206	Lazarus	2nd	8	EEE	Dryad
152208	Ishtar	2nd	9	EEE	Dryad
151110	Kaya	----------	7	MCE	Indriva
150020	Asmodeus	7th	31	CSE	Lucifer

Marksheet

Student_ID	Course	Marks
150005	DBMS	70
150020	Data Structures	78
150005	Programming	63
150007	Sociology	82
150023	Programming	74
150008	Discrete Math	55
150023	Data Mining	87

I.   Create the two tables with proper datatypes. For the first table consider 'Student_ID' as the primary key.
II.   Prove that your primary key is working using an appropriate example.
III. Can we assign 'Student_ID' as the primary key of the Marksheet table? Why can/can't this table have a primary key?
IV.   Insert the rows into the tables and show the data after insertion.
V.   Show all the records of the Students table using a query.
VI.   Add an extra row in the Marksheet table (150025, 'Physics', '68');