
DBMS LAB 02 TASKS

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Note: Write down your commands and errors encountered in a notepad file to be evaluated.

Connect to your SQL console using command line and execute all the queries mentioned in your tasks.

Do not copy-paste the commands from your lab handout. If you face syntax errors, fix them.

TASKS

1. Create a user named USERxxxx (xxxx = last 4 digits of your student ID) with the password 'iutcese'. Grant the user sufficient privileges to connect and create the following tables:

Student (ID, name, age, blood group, department_name, mobile_number)

Grades (student_id, GPA, semester)

ID	Name	Age	Blood_Group	Department_Name	Mobile_Number
1	Tamim	23	A+ve	CSE	01412345678
2	Kayes	22	B-ve	EEE	01912345679
3	Mominul	20	AB+ve	MCE	01912345680
4	Sakib	24	O+ve	CSE	01912345681
5	Mushfiq	24	O+ve	CSE	01912345682

Table 1: Student Table

Student_ID	GPA	Semester
1	3.75	SUMMER
1	2.75	WINTER
2	3.30	SUMMER
3	3.60	SUMMER
2	3.96	WINTER
4	4.00	SUMMER
5	2.99	WINTER

Table 2: Grades Table

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2. Create the two tables with proper data types. For the first table, which column/attribute should you define as the primary key? Why?
 3. Prove that your primary key is working using an appropriate example.
 4. Can we assign student_id as the primary key of the 'Grades' table? Why/Why?
 5. Insert the rows into the tables and show the data after insertion.
 6. Show all the records of the 'Student' table using a query.
 7. Add an extra row in the 'Grades' table (5, 2.45, 'SUMMER');