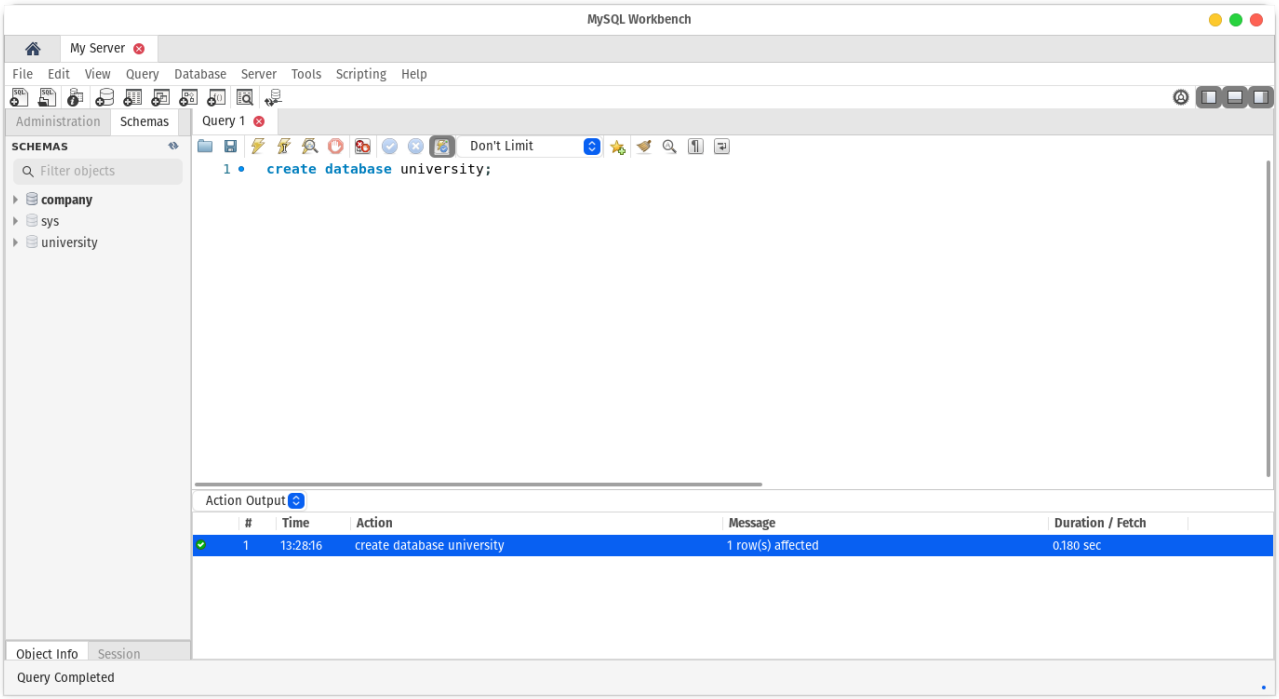
DBMS Assignment – 3

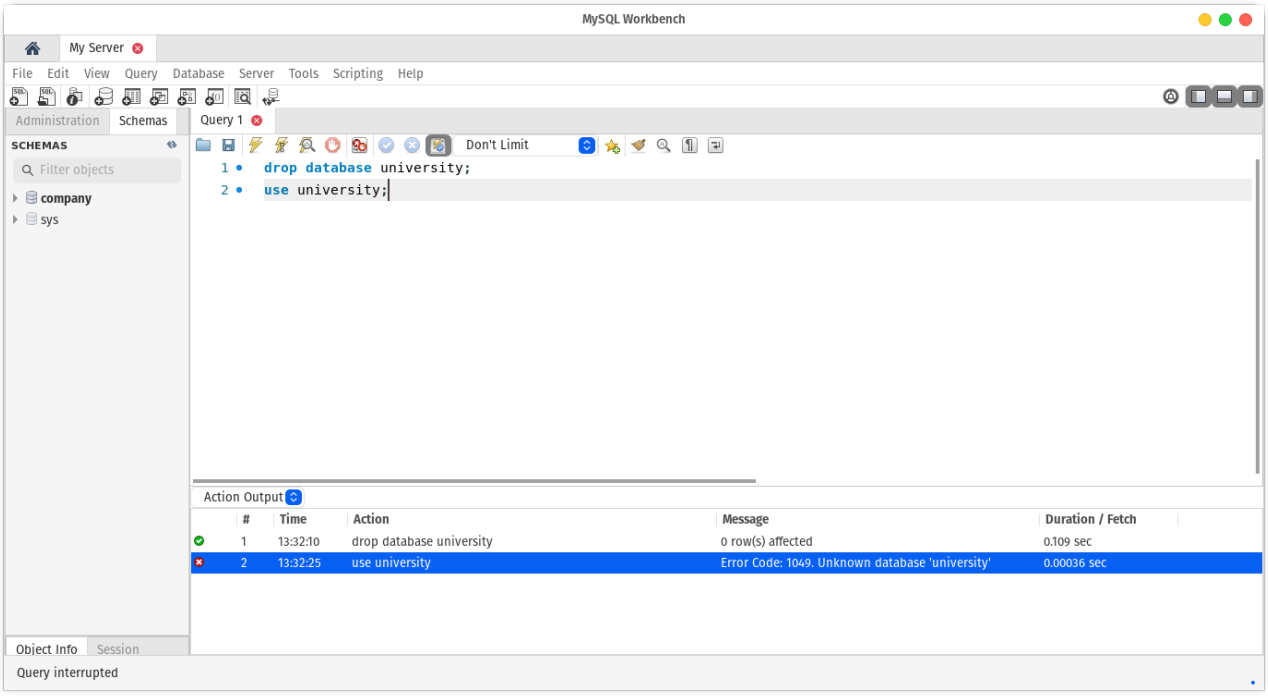
1. (a) Show how to create and drop database.

Query: create database university;
Output:



(b) Drop Database

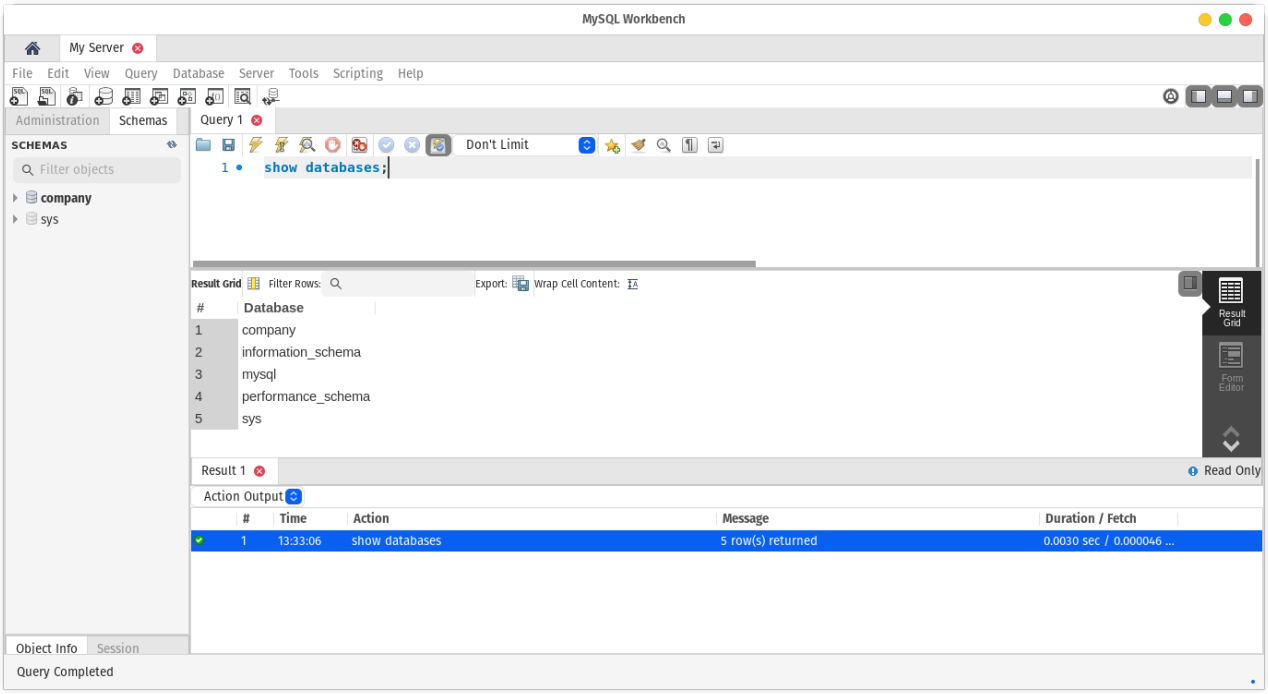
Query: drop database university;
Output: university database is deleted and if we try to use it gives error.



2. Show all Database in the system

Query: show databases;

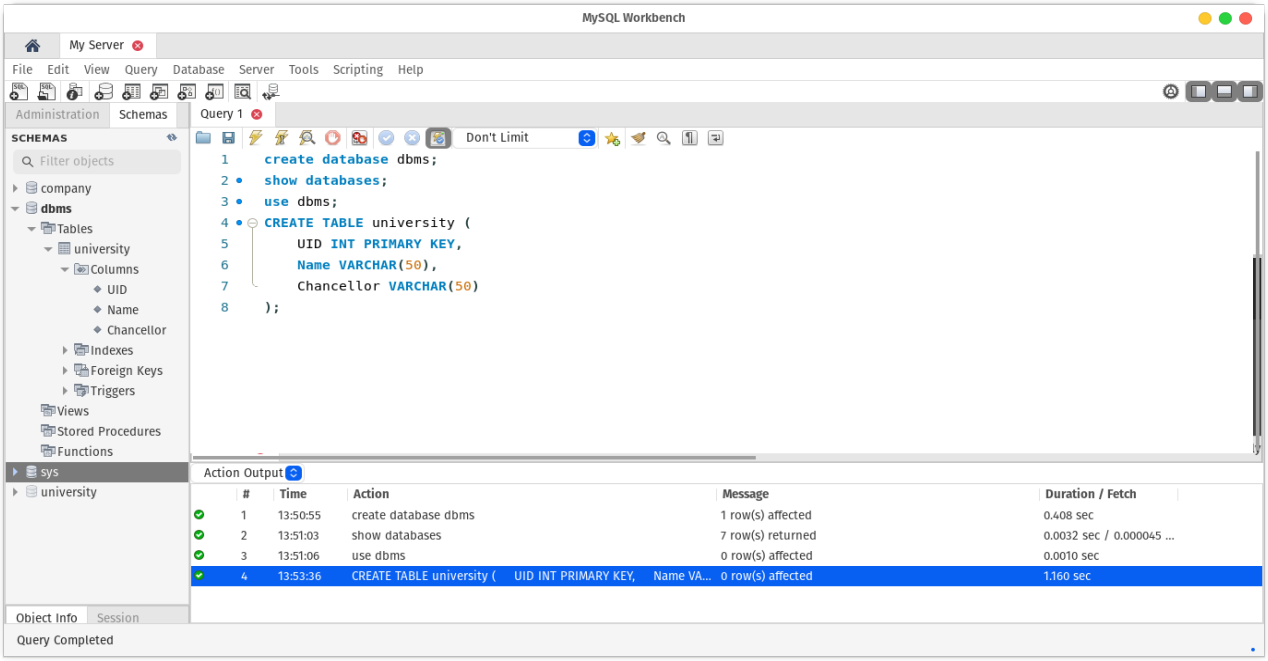
output:All database are displayed .



3. Create Table for your Database

Query: create table university (
UID int primary key,
Name varchar(50),
Chancellor varchar(50)
);

Output: Table university is created with 3- attributes, which can be seen in schema panel.



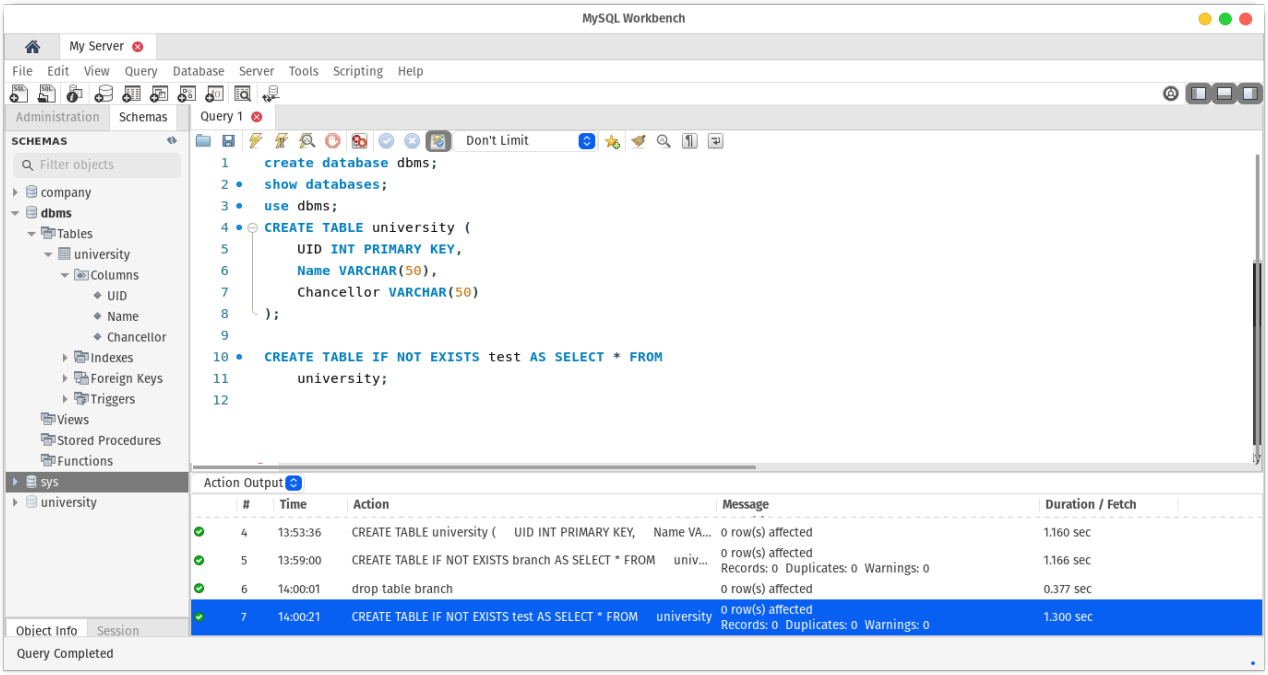
4. Show how select can be used for Creating table

Query: CREATE TABLE IF NOT EXISTS test AS SELECT * FROM university;

(or)

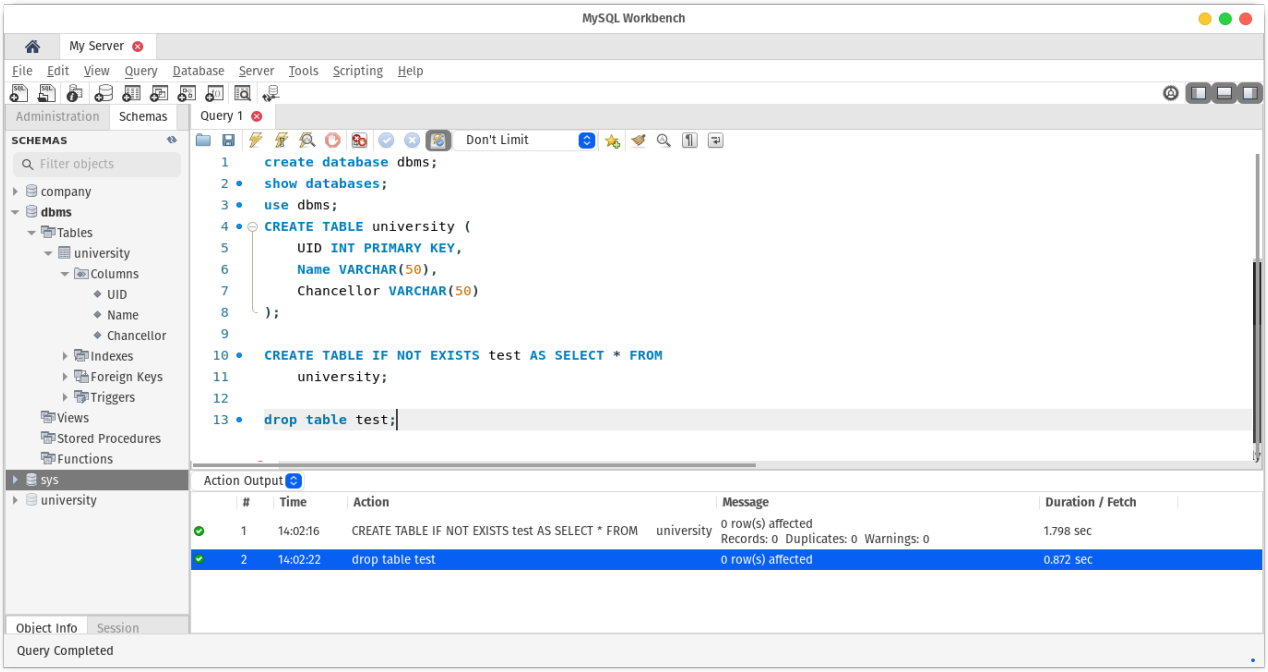
CREATE TABLE IF NOT EXISTS test AS SELECT UID,Name FROM university;

Output: Above query will create new table “test” with all attributes from “university” table.



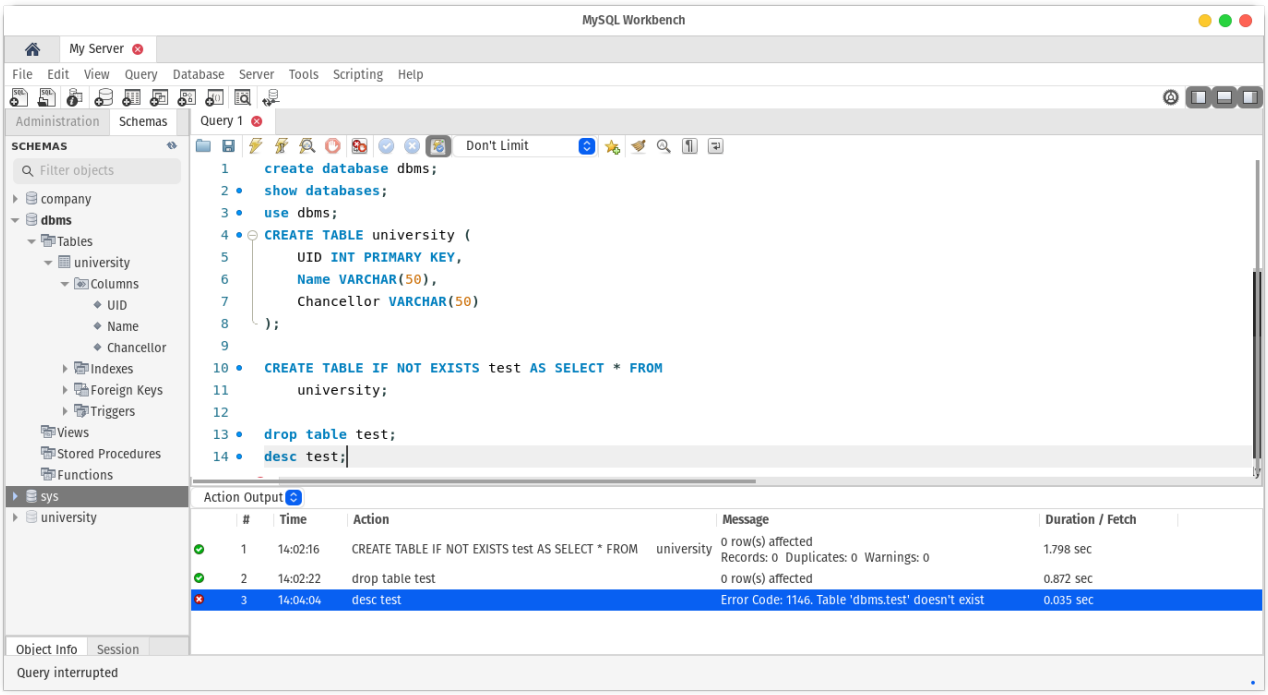
5. (a) Drop Table

Query : drop table table_name; (or) drop table test;
Output: ‘test’ table is droped.



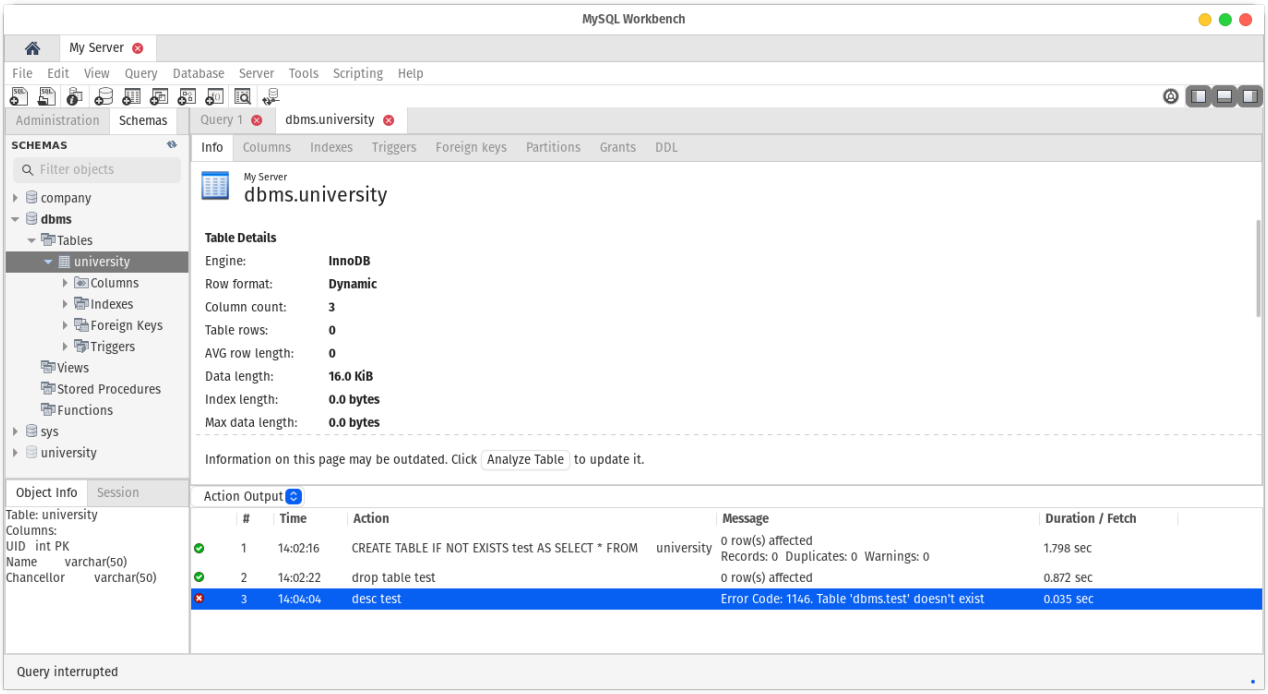
(b) verifying by accessing droped table using describe query

Query: desc test;
Output: It gives error because we tried to use deleted table.

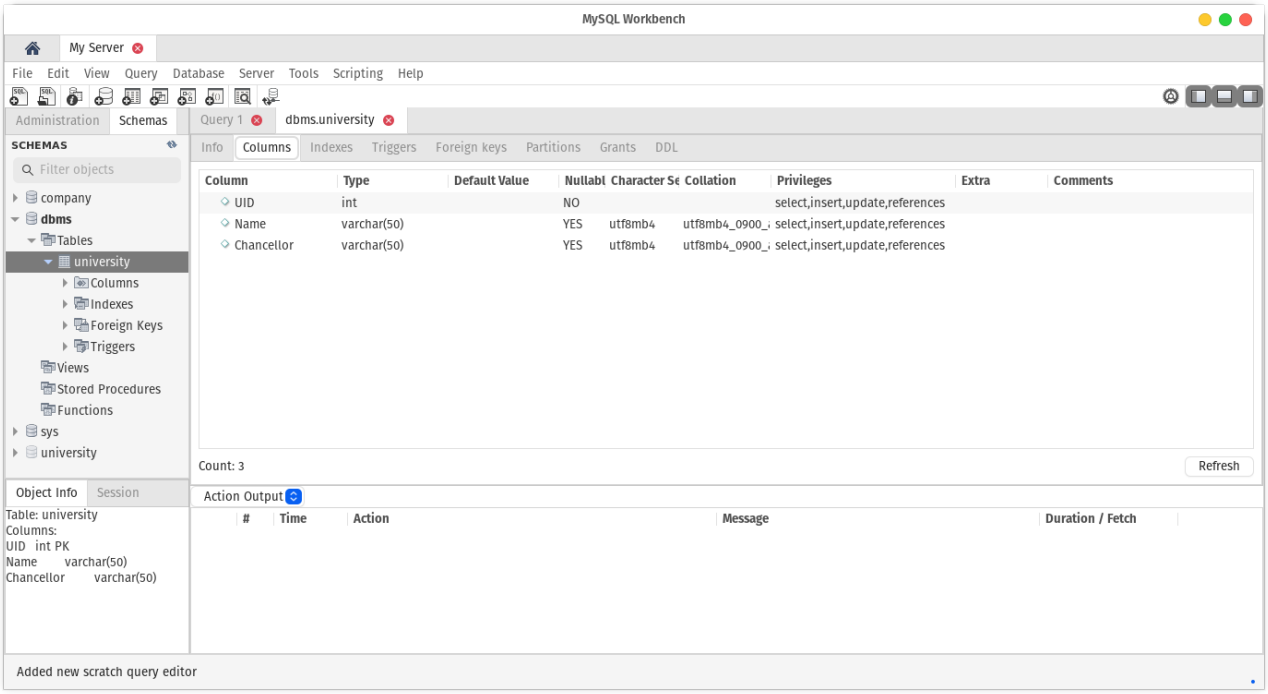


6. Show how to check the schema of the tables.

* We can get schema of table by right clicking on table and selecting ‘Table Inspector’.
* we can clearly see that table ‘university’ is in dbms database schema.



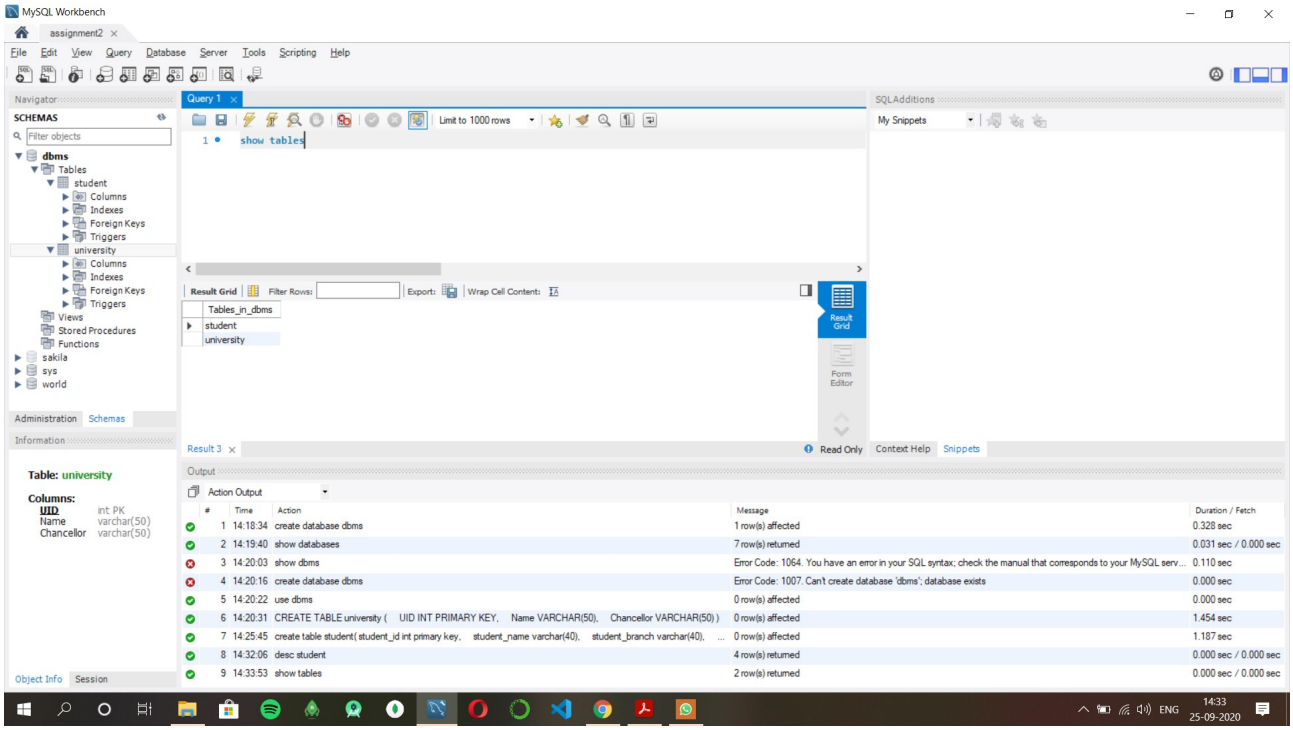
* we can also check all attributes and details of tables by switching to columns



7. Show all tables from the database.

Query: show tables;

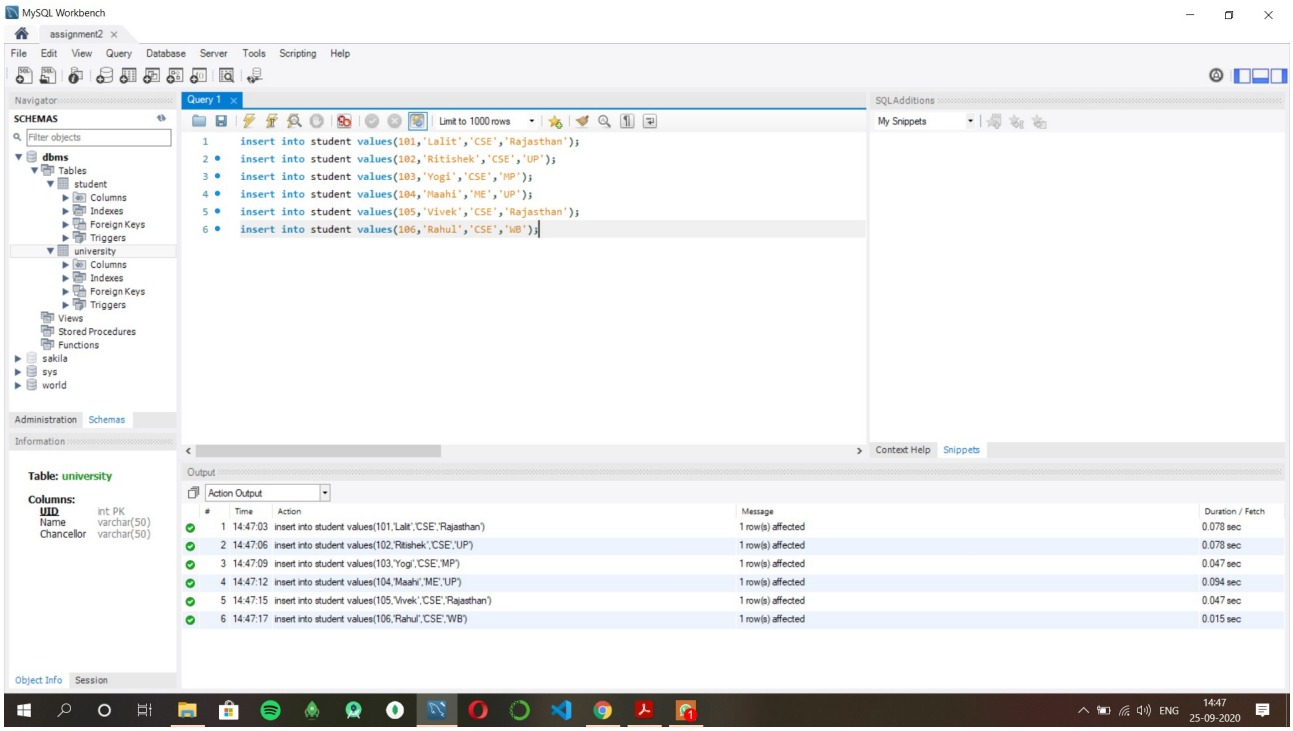
Output:



8. Insert 5 -10 rows in each of the table of your database

Query: insert into student values(101,’Lalit’,’CSE’,’Rajasthan’);

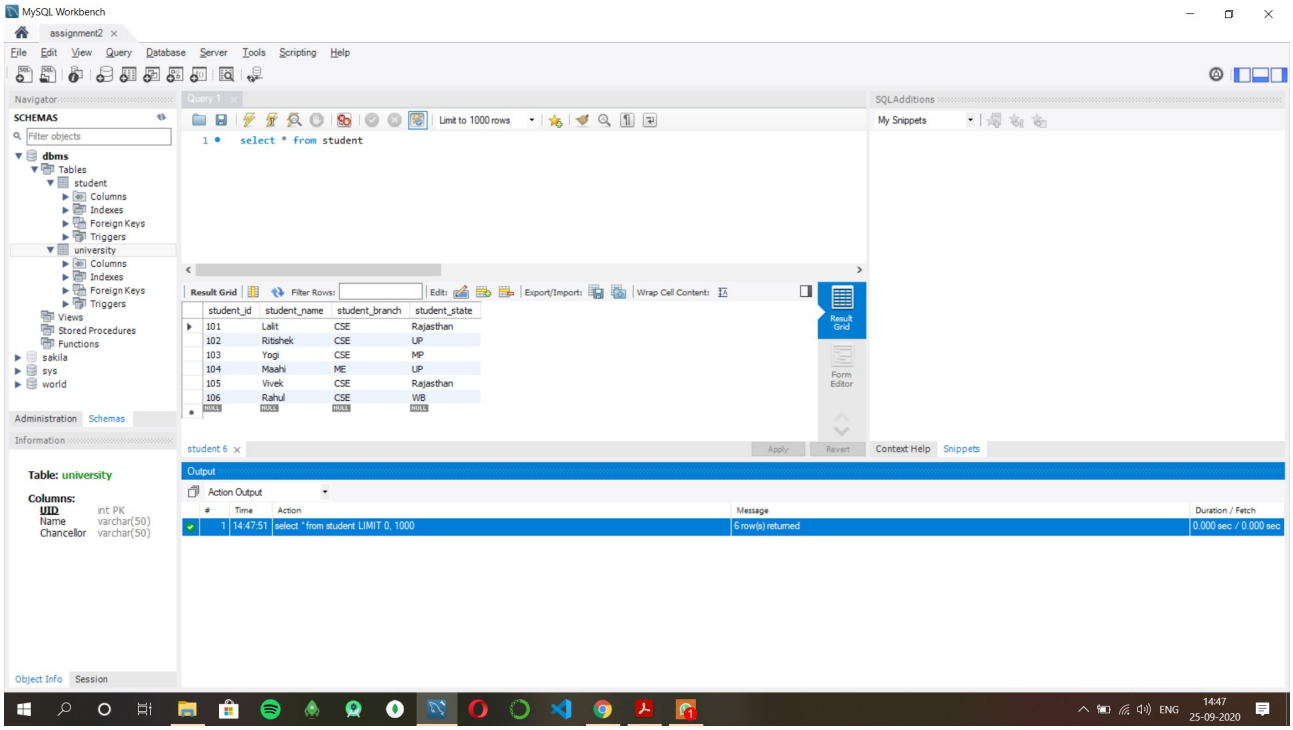
Output:



9. Show usage of simple select query

Query: select * from student;

Output:

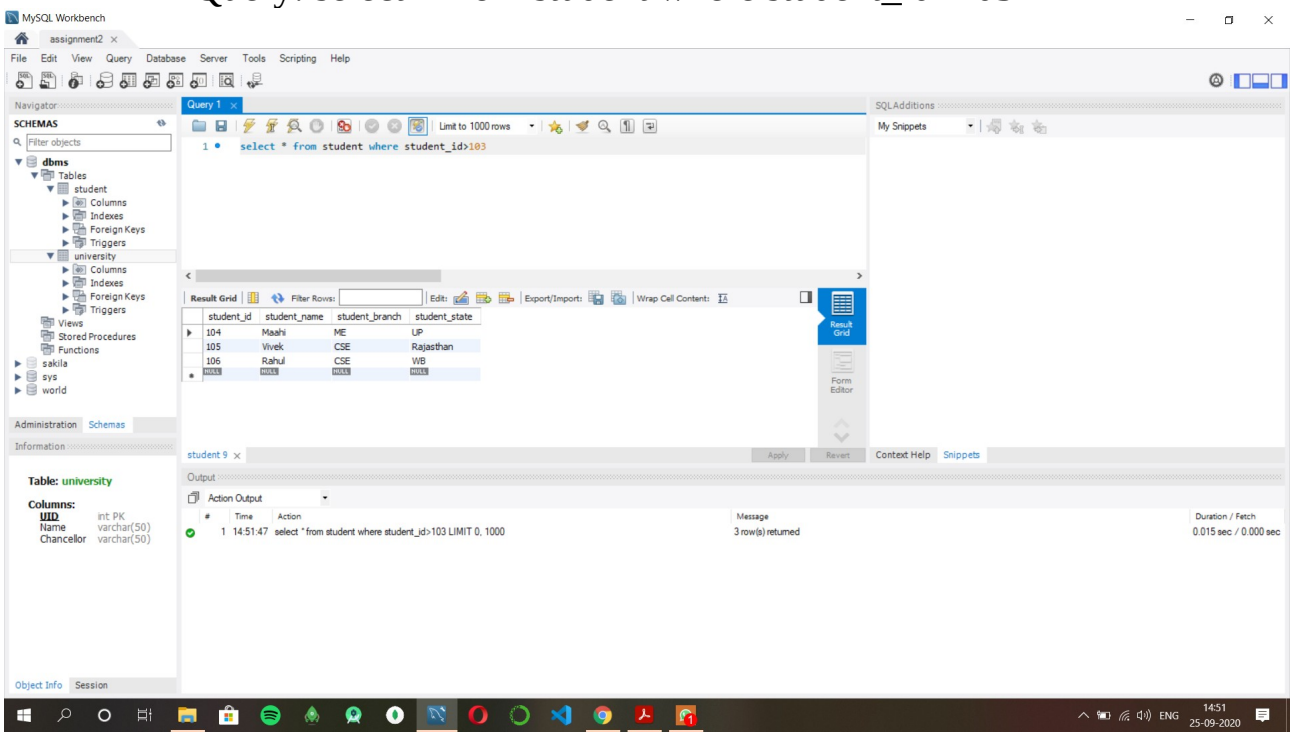


10. Select statement using Relational and Logical operators.

(a). Using Relational operator:

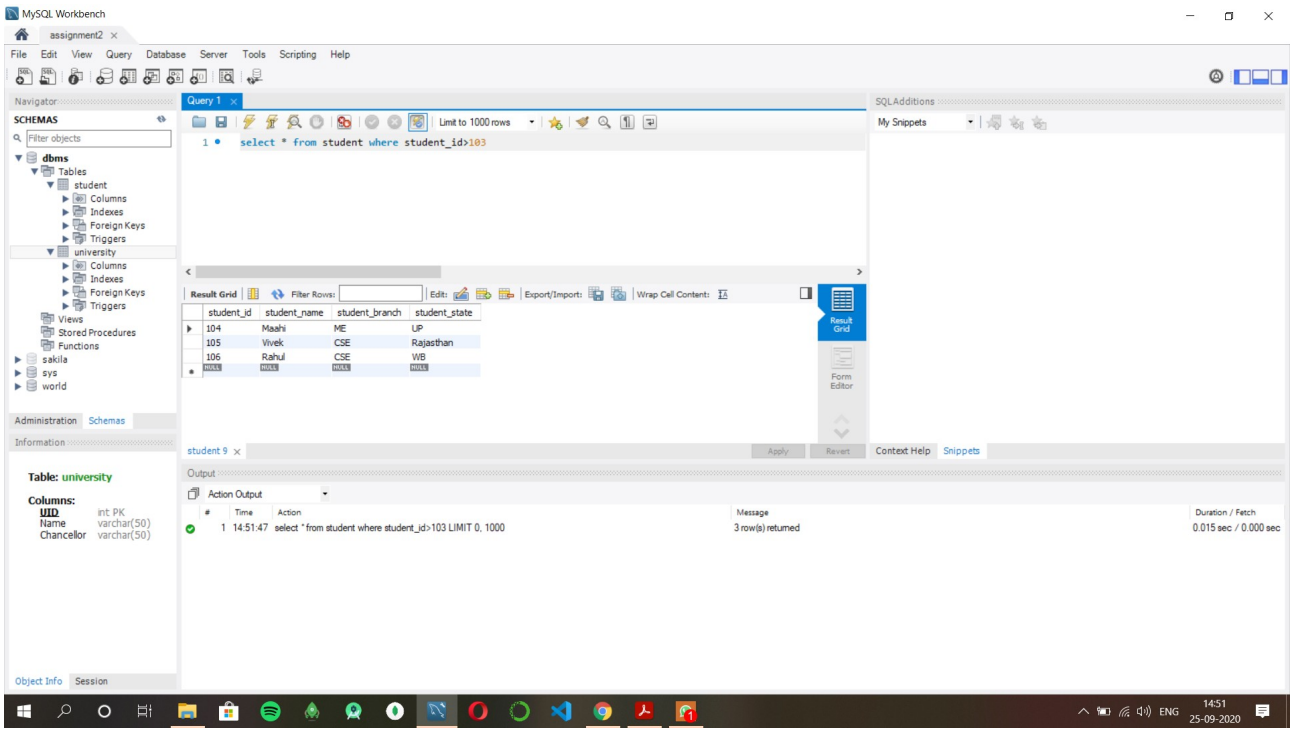
1. “>” operator

Query: select * from student where student_id>103



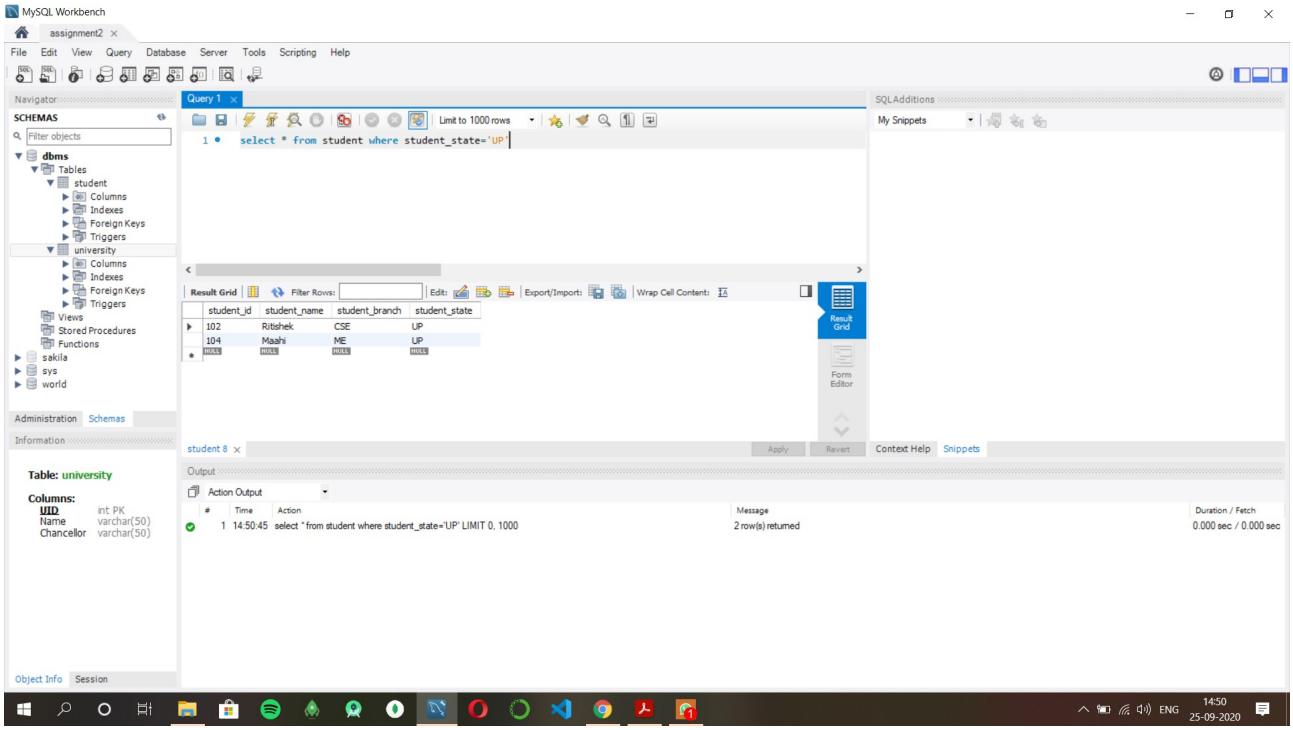
2. “<” operator

Query: select * from student where student_id<104



3. “=” operator

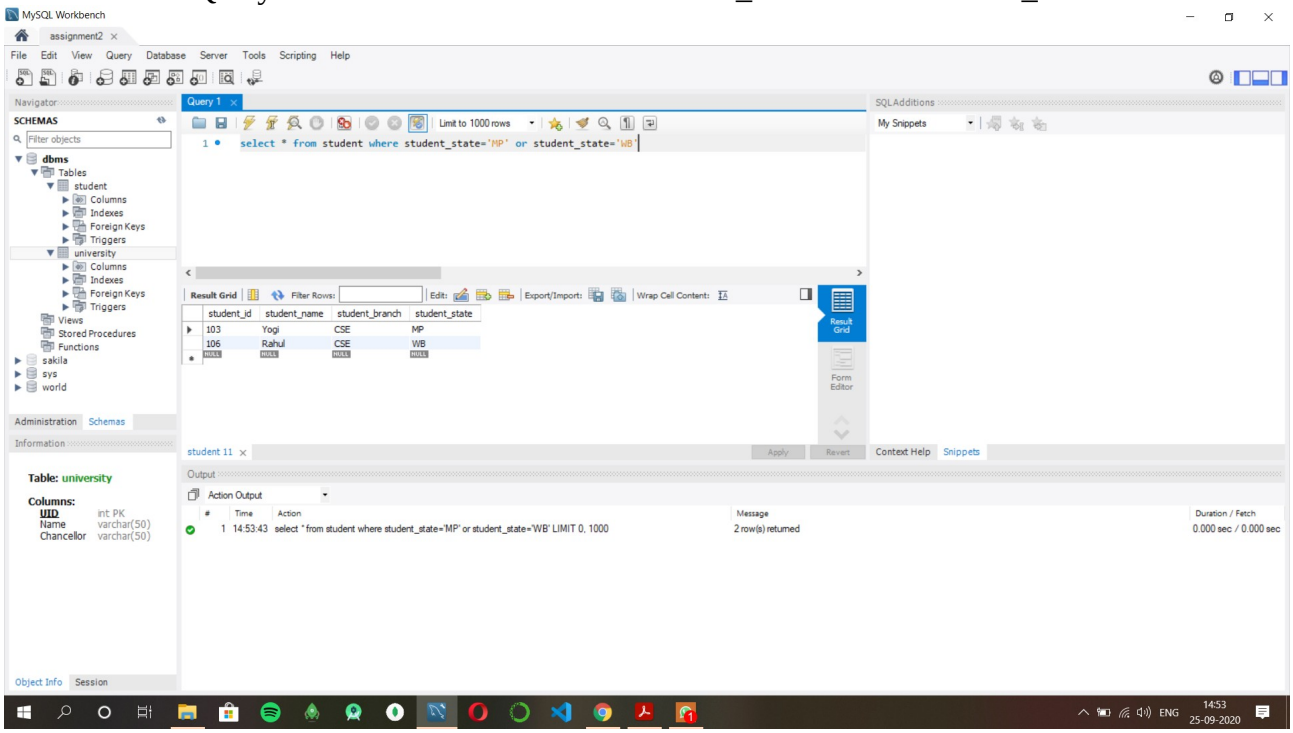
Query: select * from student where student_state='UP'



(b). Using Logical operator

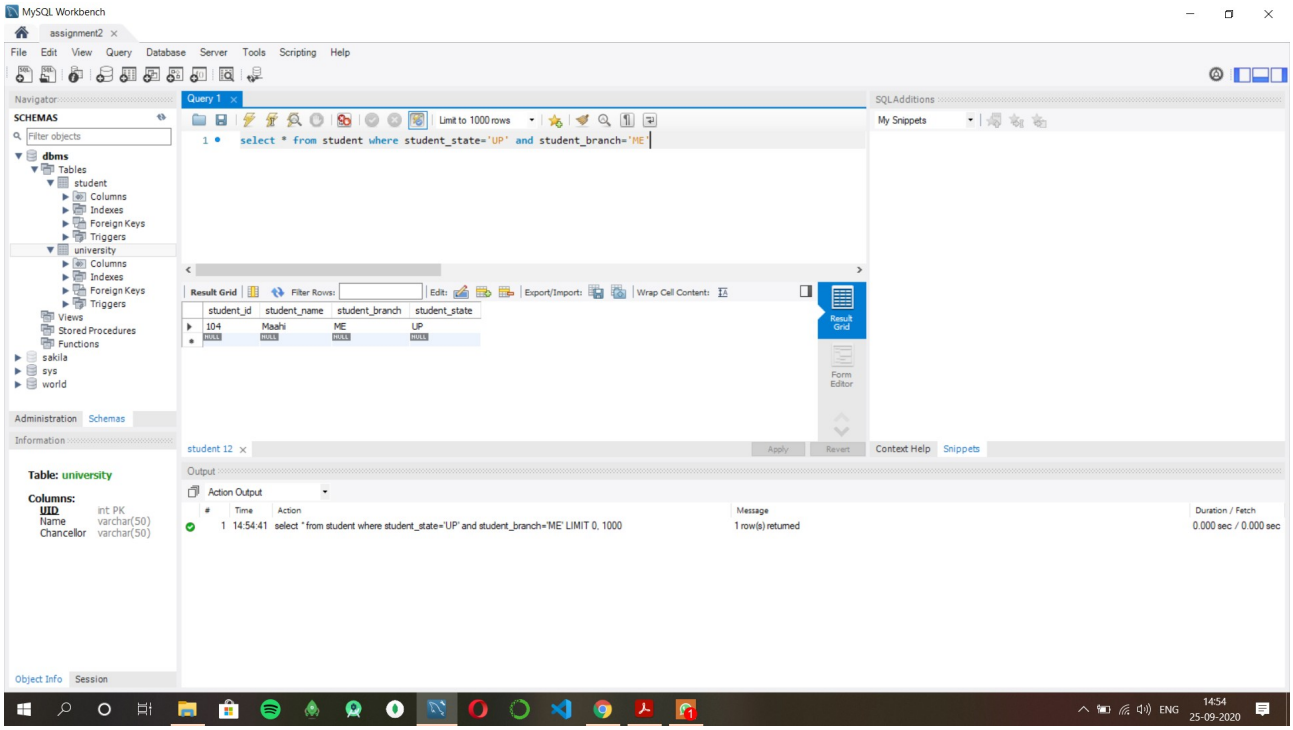
1. “OR” operator

Query:select * from student where student_state='MP' or student_state='WB'



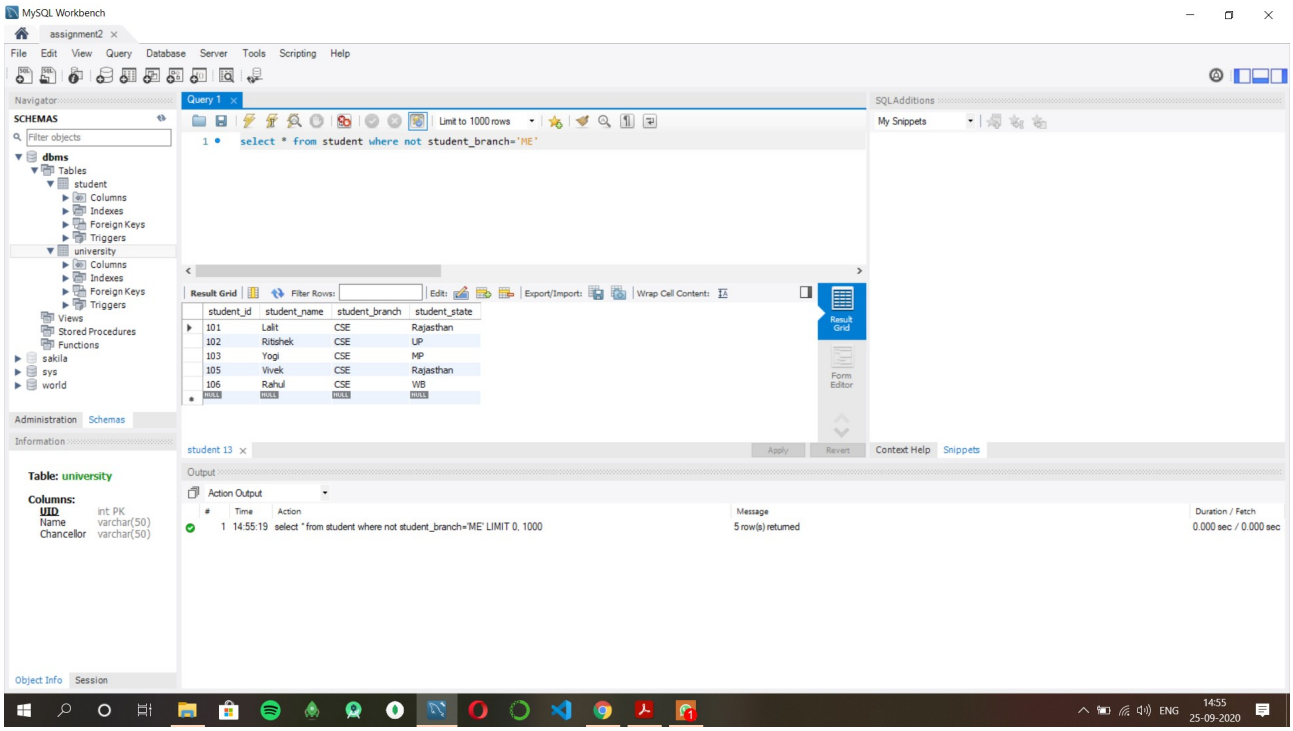
2. “AND” operator

Query: select * from student where student_state='MP' and student_branch='ME'



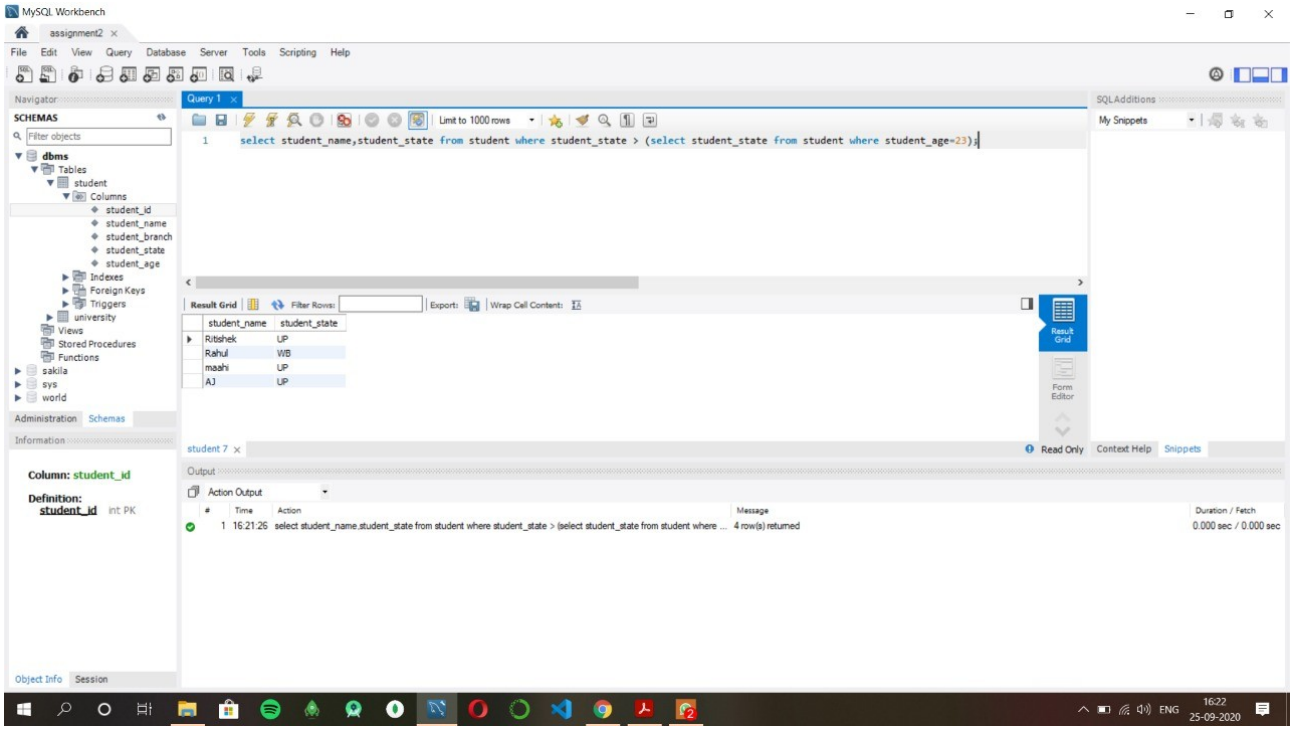
3. “NOT” operator

Query:select * from student where not student_branch='ME'



11. One simple subquery using select.

Query: select student_name,student_state from student where student_state > (select student_state from student where student_age=23);



BY GROUP :17

Yogendra singh	**18BCS113**
Rahul Priyadarshi	**18BCS074**
Ritishek Yadav	**18BCS079**
Lalit Palariya	**18BCS047**
Vivek Kumar	**18BCS110**
Dheeraj Kasaudhan	**18BCS024**
Siddharth Biradar	**18BCS097**