**NAME : SHISHU**

**REG 2020CA089**

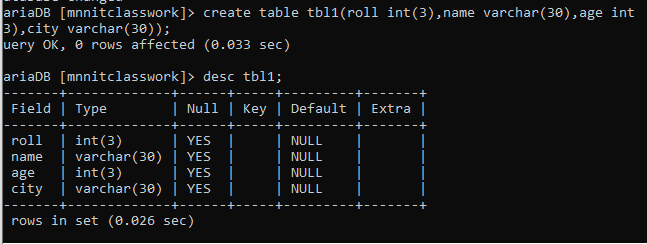
Assignment 2

DDL & DML Commands (Basics)

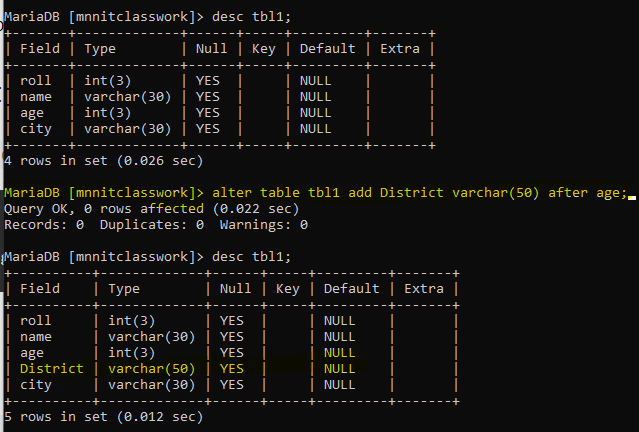
1. Exercise 1 (practice on SQL commands)

a. Practice all the following DDL commands

1. Creating a table

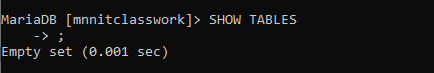


2. Altering a table

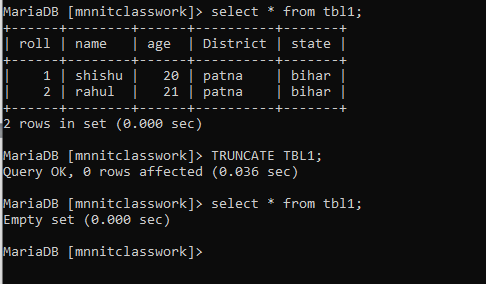


3. Drop a table

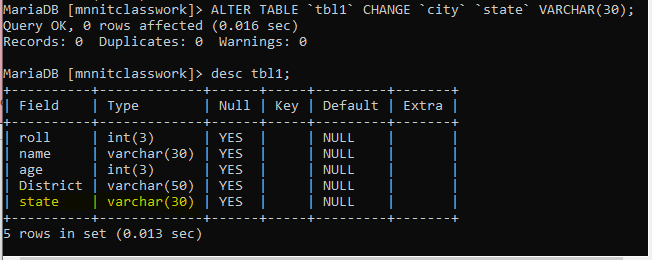




4. Truncating a table

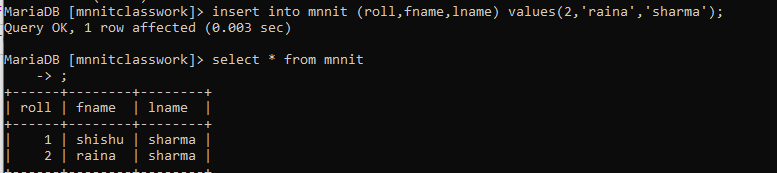


5. Rename

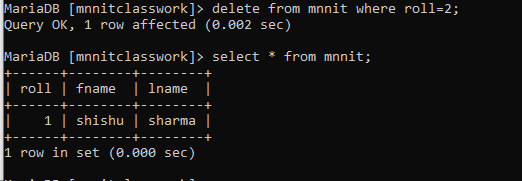


b. Practice all the following DML commands

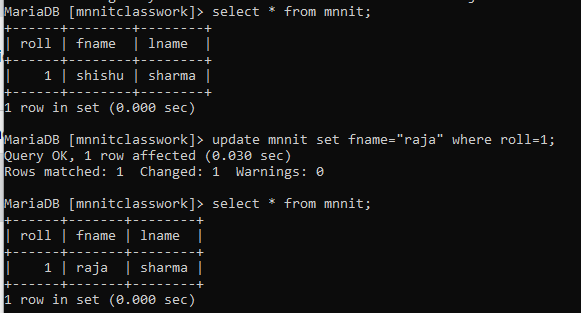
1. Inserting Rows into table



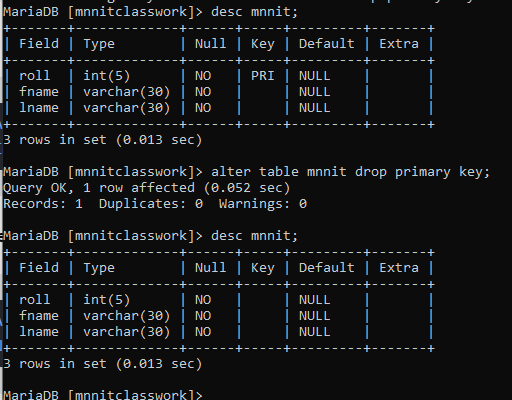
2. Deleting Rows from table



3. Updating data in a table



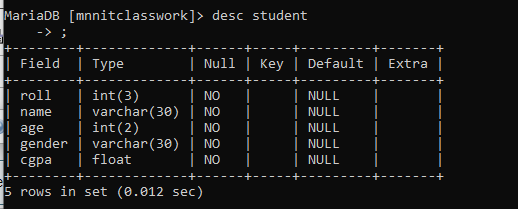
4. Defining constraints

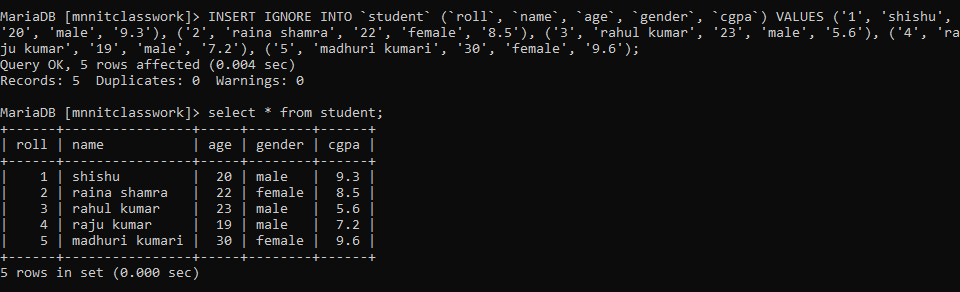


2. Assignment on DDL and DML commands

A. Suppose that a faculty wants to keep records about the students, the desired records should maintain

this information about each student: (Roll No, Full name, CGPA, Age, and Gender)

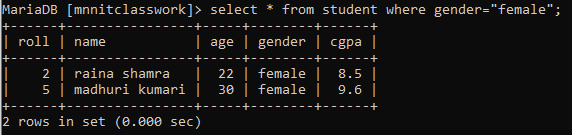




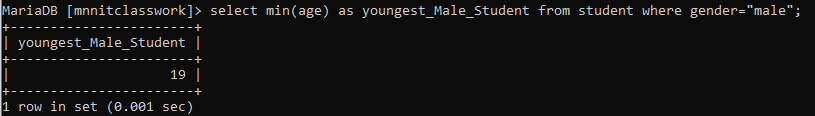
a. Create the appropriate Table.

b. Write SQL Queries to answer the following problems:

- List the names of all female students.

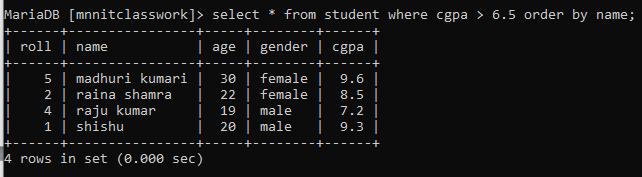


- What is the age of the youngest male student?

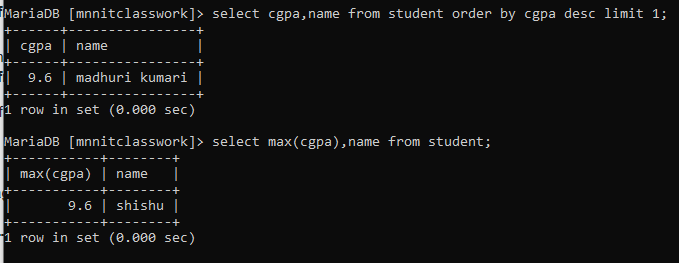


- List the name and the CGPA for all students who got above 6.5 CGPA ordered by

their CGPAs then their names.



- What is the Topper name?

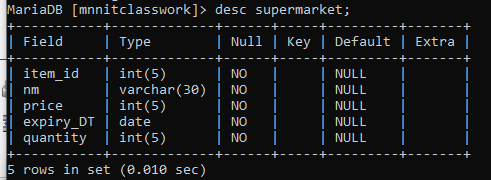


3. A super market manager likes to keep records about all the items in his store these records should hold

the following information about each item (the item identifier item\_id, the item name, the item price,

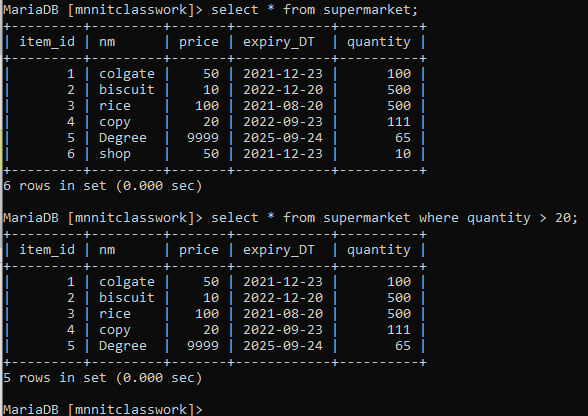
expiration date of the item, quantity in hand)

a. Create the appropriate table.

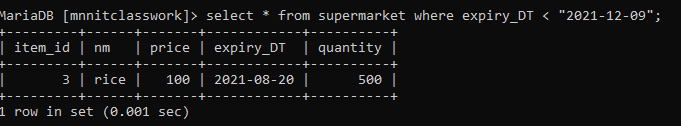


b. Write sql queries to answer the following problems:

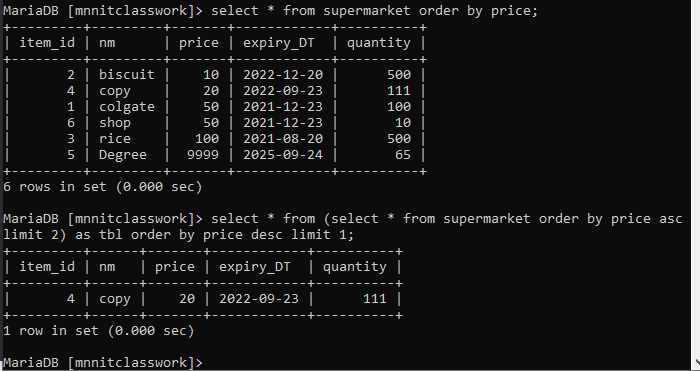
- List the names and prices for all items that have a quantity in hand >20.



- List the names of expired items.



- name the second most expensive item.



Alter the table structure to make sure that no negative value can be assigned to the price field

