**EXPERIMENT 7**

**DQL COMMANDS (COLLEGE SCHEMA)**

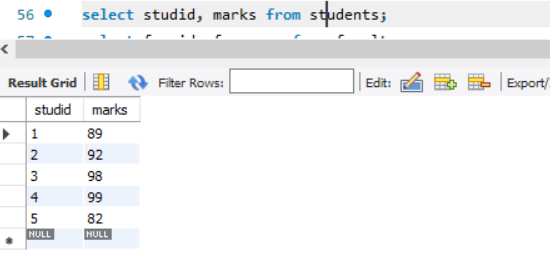
**Aim:**

* Display student id and marks from the student table.
* Display faculty id and name from the faculty table.
* Display who got grade A.
* Display whose marks are less than 50.
* Display the female students whose marks are between 50 to 60.
* Delete the failed students.
* Display activity id and name using object.
* Display student id, faculty id using course name condition with object.
* Select department name starting from ‘c’ and faculty name ending with ‘ ’.
* Select activity having characters between ‘ck’.
* Group by faculty id and display.
* Display the students list whose grade is A using having.
* Display the faculty list who are teaching PPS.
* Apply aggregate functions in student marks - max, min, sum, count, avg.

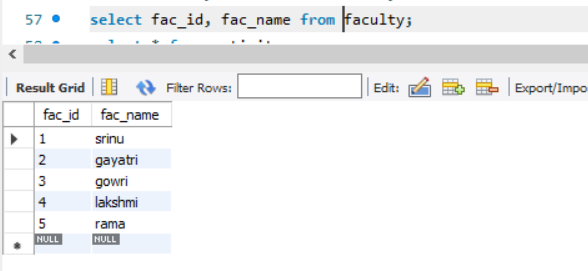
**Components:**

* Instance: It is a collection of information stored in a database at a particular moment.
* Entity: Object that is relevant to the given system. It is represents as a rectangle.
* Attribute: Trait of an entity, relationship or other attribute. It is represented by oval.
* Primary Key: A primary key is a set of column or a set of columns in a whose uniquely identify row in a table.

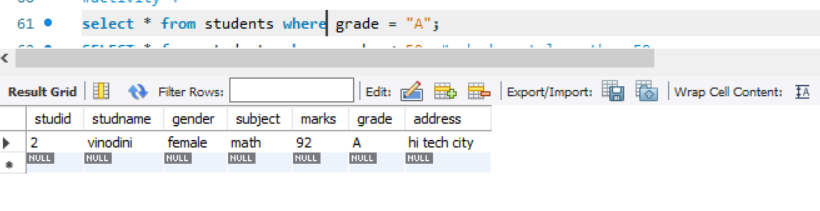
1. Display student id and marks from the student table.



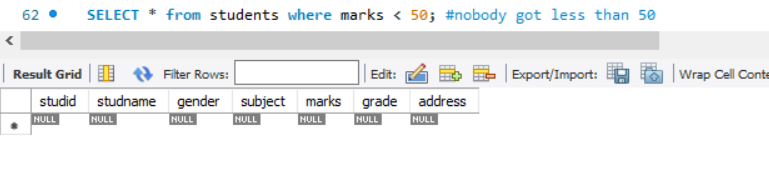
2. Display faculty id and name from the faculty table.



3. Display who got grade A.

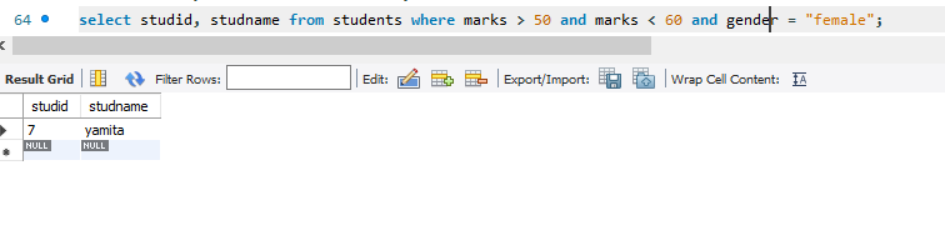


4.Display whose marks are less than 50.

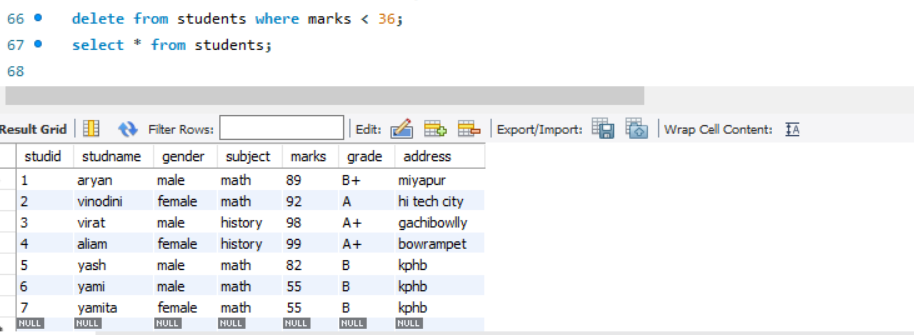


*insert into students values(7, "yamita", "female", "math", 55, "B", "kphb");*

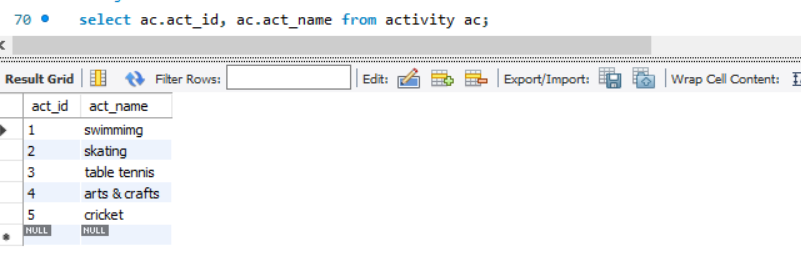
5.Display the female students whose marks are between 50 to 60.



6.Delete the failed students.



7.Display activity id and name using object.



8.Select department name starting from ‘c’ and faculty name ending with ‘ ’.

