Ex:No: 14

Date:

**HIGH LEVEL PROGRAMMING EXTENSIONS**

**(PROCEDURES)**

**Aim:**

To implement procedures using program in MySQL.

**Program 1:**

Create a simple procedure to get all the records from the table ‘student\_info’ which have the following data:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| mysql> select \* from student\_info; | | | |  |
| +----- | +--------- | +------------ | +------------ | + |
| | id | | Name | | Address | | Subject | | |
| +----- | +--------- | +------------ | +------------ | + |
| | 100 | Aarav | | | Delhi | | Computers | | |
| | 101 | YashPal | Amritsar | History | | | | | |
| | 105 | Gaurav | Jaipur | | | | Literature | |  |
| | 110 | Rahul | | | Chandigarh | History | | | |
| +------ | +-------- | +------------ | +------------ | + |

**Program 2:**

Create a stored procedure GetCustomerLevel() that accepts two parameters customer number and customer level.

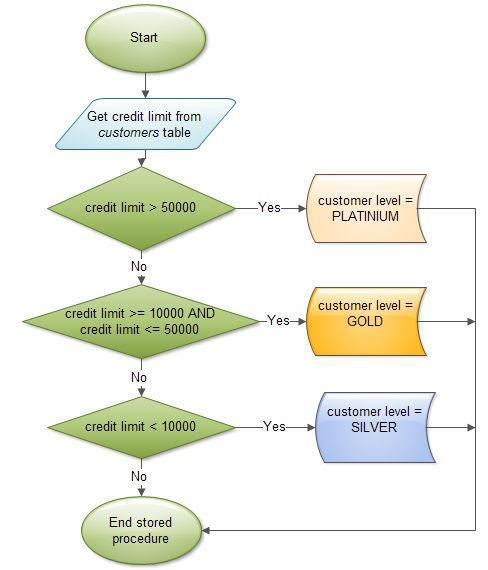
 First, it gets the credit limit from the customers table.

Then, based on the credit limit, it determines the customer level: PLATINUM , GOLD , an SILVER.



The parameter p\_customerlevel stores the level of the customer and is used by the calling program.

The following flowchart demonstrates the logic of determining customer level.



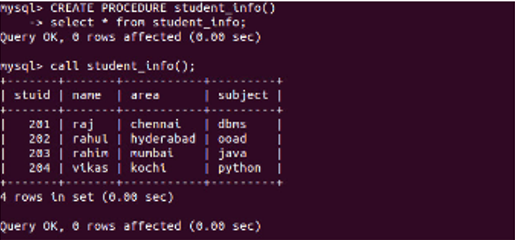
The table ‘customers’ should have the following attributes:

customers(cno

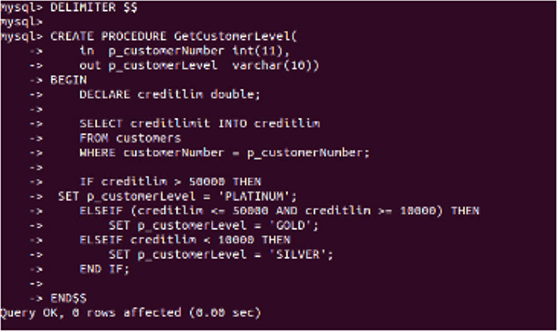
, cname, creditlimit)

**OUTPUTS :**

**Program 1:**



**Program 2:**



**RESULT:** Thus the program in MySQL executed successfully.