



DBMS EXPERIMENT 16:

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.

OUTPUT:

Program :-1

```
mysql> CREATE PROCEDURE student_info()  
-> select * from student_info;  
Query OK, 0 rows affected (0.00 sec)  
  
mysql> call student_info();  
+-----+-----+-----+-----+  
| stuid | name | area | subject |  
+-----+-----+-----+-----+  
| 201 | raj | chennai | dbms |  
| 202 | rahul | hyderabad | ooad |  
| 203 | rahim | munbai | java |  
| 204 | vikas | kochi | python |  
+-----+-----+-----+-----+  
4 rows in set (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)
```

Program :-2

```
mysql> DELIMITER $$  
mysql>  
mysql> CREATE PROCEDURE GetCustomerLevel(  
-> in p_customerNumber int(11),  
-> out p_customerLevel varchar(10))  
-> BEGIN  
-> DECLARE creditlim double;  
->  
-> SELECT creditlimit INTO creditlim  
-> FROM customers  
-> WHERE customerNumber = p_customerNumber;  
->  
-> IF creditlim > 50000 THEN  
-> SET p_customerLevel = 'PLATINUM';  
-> ELSEIF (creditlim <= 50000 AND creditlim >= 10000) THEN  
-> SET p_customerLevel = 'GOLD';  
-> ELSEIF creditlim < 10000 THEN  
-> SET p_customerLevel = 'SILVER';  
-> END IF;  
->  
-> ENDSS  
Query OK, 0 rows affected (0.00 sec)
```

