

EXPERIMENT 15

HIGH LEVEL PROGRAMMING EXTENSINS- PROCEDURES

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 | vtikas | kochi | python |  
+-----+-----+-----+-----+  
4 rows in set (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)
```

Program:-2

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