DBMS EXPERIMENT 15:

High level programming extensions (procedures)
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

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