

Ex=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 |
+      +      +-      +      +
```

```
MySQL 8.0 Command Line CL  X  +  -
mysql> create database db;
Query OK, 1 row affected (0.01 sec)

mysql> use db;
Database changed
mysql> create table student_info(id int(10),name varchar(20),address varchar(150),subject varchar(20));
Query OK, 0 rows affected, 1 warning (0.04 sec)

mysql> desc student_info;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id    | int  | YES  |     | NULL    |       |
| name  | varchar(20) | YES  |     | NULL    |       |
| address | varchar(150) | YES  |     | NULL    |       |
| subject | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql> insert into student_info value(1,"aarav","delhi","computers"),(2,"rahu","chandigarh","history"),(3,"yashpal","amritsar","literae");
Query OK, 3 rows affected (0.02 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> delimiter ;;
mysql> create procedure getall()
-> begin
-> select * from student_info;
-> end ;;
Query OK, 0 rows affected (0.01 sec)

mysql> call getall();
-> ;;
+-----+-----+-----+-----+
| id | name | address | subject |
+-----+-----+-----+-----+
| 1 | aarav | delhi | computers |
| 2 | rahu | chandigarh | history |
| 3 | yashpal | amritsar | literae |
+-----+-----+-----+-----+
3 rows in set (0.02 sec)

Query OK, 0 rows affected (0.02 sec)

mysql>
```