

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

ANS:-

```
mysql> CREATE TABLE student_info (  
  ->   id INT AUTO_INCREMENT PRIMARY KEY,  
  ->   name VARCHAR(50) NOT NULL,  
  ->   address VARCHAR(100),  
  ->   subject VARCHAR(50) NOT NULL  
  -> );  
Query OK, 0 rows affected (0.53 sec)  
  
mysql> INSERT INTO student_info (name, address, subject) VALUES  
  -> ('John Doe', '123 Main Street', 'Math'),  
  -> ('Jane Smith', '456 Elm Avenue', 'English'),  
  -> ('Bob Johnson', NULL, 'Science'),  
  -> ('Sarah Lee', '789 Oak Road', 'History'),  
  -> ('Mike Brown', '555 Pine Street', 'Math'),  
  -> ('Karen Wang', '888 Maple Avenue', 'Physics'),  
  -> ('David Kim', '777 Cedar Road', 'English'),  
  -> ('Emily Chen', '222 Walnut Street', 'Chemistry'),  
  -> ('Tom Lee', NULL, 'Math'),  
  -> ('Lisa Kim', '333 Birch Avenue', 'Biology');  
Query OK, 10 rows affected (0.19 sec)  
Records: 10  Duplicates: 0  Warnings: 0
```

```
mysql> select * from Student_info;
```

id	name	address	subject
1	John Doe	123 Main Street	Math
2	Jane Smith	456 Elm Avenue	English
3	Bob Johnson	NULL	Science
4	Sarah Lee	789 Oak Road	History
5	Mike Brown	555 Pine Street	Math
6	Karen Wang	888 Maple Avenue	Physics
7	David Kim	777 Cedar Road	English
8	Emily Chen	222 Walnut Street	Chemistry
9	Tom Lee	NULL	Math
10	Lisa Kim	333 Birch Avenue	Biology

```
10 rows in set (0.05 sec)
```