

SQL Day 1 - Part II  
Jai Phookan  
Fw17\_0739

## SQL Day 1 Part II

1. Count the number of students of each department:

```
SELECT branch, COUNT(*) FROM STUIDENT GROUP BY branch;
```

branch	COUNT(*)
cse	2
etc	3
eee	1
bme	1

4 rows in set (0.01 sec)

2. Count the number of students of each department where the department name starts with 'E'.

```
SELECT COUNT(*) FROM STUIDENT WHERE branch LIKE "e%";
```

COUNT(*)
4

1 row in set (0.00 sec)

3. Add a field called MARKS to the table STUDENT which can hold a number upto 8 digit length.

```
mysql> ALTER TABLE STUIDENT ADD marks int;
```

Query OK, 0 rows affected (0.04 sec)  
Records: 0 Duplicates: 0 Warnings: 0

4. Modify the field :”NAME” of the table STUDENT to hold a maximum of 25 character.

```
mysql> ALTER TABLE STUIDENT modify COLUMN name varchar(25);
```

Query OK, 0 rows affected (0.03 sec)  
Records: 0 Duplicates: 0 Warnings: 0

5. Delete all rows from the table STUIDENT where branch is ETC.

```
mysql> DELETE FROM STUIDENT WHERE branch="etc";
Query OK, 3 rows affected (0.01 sec)
```

```
+-----+-----+-----+-----+-----+
| name  | roll | branch | city   | marks |
+-----+-----+-----+-----+-----+
| vijaya | 150  | cse    | chennai | NULL  |
| ravi   | 300  | eee    | delhi   | NULL  |
| karan  | 111  | cse    | ctc     | NULL  |
| rekha  | 117  | bme    | bbsr    | NULL  |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

6. Rename the table STUIDENT to STUDINFORMATION.

```
mysql> ALTER TABLE STUIDENT RENAME TO studentsinfo;
Query OK, 0 rows affected (0.03 sec)
```

7. Delete all the data part from the table STUDENT.

```
mysql> delete from studentsinfo;
Query OK, 4 rows affected (0.02 sec)
```

8. Destroy the table STUDENT.

```
mysql> drop table studentsinfo;
Query OK, 0 rows affected (0.02 sec)
```