

Select with group by, select by, having

1. we have to create the table project
2. Now we have to insert the values into table
3. Show the table

```
mysql> use names;
Database changed
mysql> create table project(s_no int,p_name char(10),coordinators int(23),price int,location char(20));
Query OK, 0 rows affected, 1 warning (0.03 sec)

mysql> create table project(s_no int,p_name char(10),coordinators char(23),price int,location char(20));
ERROR 1050 (42S01): Table 'project' already exists
mysql> desc project;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| s_no  | int  | YES  |     | NULL    |       |
| p_name | char(10) | YES  |     | NULL    |       |
| coordinators | int  | YES  |     | NULL    |       |
| price | int  | YES  |     | NULL    |       |
| location | char(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> insert into project(1,'reen',4,75000,'chennai');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '1
,'reen',4,75000,'chennai')' at line 1
mysql> insert into project values(1,'reen',4,75000,'chennai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into project values(2,'reena',3,100000,'chennai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into project values(2,'reenasri',5,10000,'delhi');
Query OK, 1 row affected (0.01 sec)

mysql> select* from project;
+-----+-----+-----+-----+-----+
| s_no | p_name | coordinators | price | location |
+-----+-----+-----+-----+-----+
| 1    | reen   | 4            | 75000 | chennai  |
| 2    | reena  | 3            | 100000 | chennai  |
| 2    | reenasri | 5            | 10000 | delhi    |
+-----+-----+-----+-----+-----+
```

4. we can see the query for the
5. Group by
6. Having
7. Order by
8. We can see the every query in given images.

```
3 rows in set (0.01 sec)

mysql> select* from project order by coordinators asc;
+-----+-----+-----+-----+-----+
| s_no | p_name | coordinators | price | location |
+-----+-----+-----+-----+-----+
| 2    | reena  | 3            | 100000 | chennai  |
| 1    | reen   | 4            | 75000  | chennai  |
| 2    | reenasri | 5            | 10000  | delhi    |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select 'reen' from 'p_names' group by 'reen';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ''
p_names' group by 'reen'' at line 1
mysql> select p_name from project where group by s_no;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'g
roup by s_no' at line 1
mysql> select p_name,s_no
-> from project
-> group by s_no;
+-----+-----+
| p_name | s_no |
+-----+-----+
| reen   | 1    |
| reena  | 2    |
+-----+-----+
2 rows in set (0.01 sec)

mysql> select s_no,price
-> from project
-> having price >75000;
+-----+-----+
| s_no | price |
+-----+-----+
| 2    | 100000 |
+-----+-----+
1 row in set (0.01 sec)
```

