

Subject Code : CSA0540

Subject Name: DBMS (Database for Mobile Systems)

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Ex=6 SELECT with various clause – GROUP BY, HAVING, ORDER BY

Create table Project with the fields S_No, P_Name, Coordinators, P_Price, and Location. Select the rows in the table using Group by clause for Location. Select the rows in the table order by Coordinators.

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MySQL 8.0 Command Line CL X
| db
| information_schema
| mysql
| performance_schema
| sys
| world
+-----+
6 rows in set (0.00 sec)

mysql> use db;
Database changed
mysql> desc Project;
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 'desc Project' at line 1
mysql> desc Project;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| S_No | int | YES | | NULL | |
| P_Name | varchar(20) | YES | | NULL | |
| Coordinators | varchar(20) | YES | | NULL | |
| P_Price | float | YES | | NULL | |
| Location | varchar(20) | YES | | NULL | |
+-----+
5 rows in set (0.00 sec)

mysql> insert into Project value(1,"Dinakar","GVT",100,"KPM"),(2,"Abul","Akan",2000,"Chennai"),(3,"Akan","GVT",3000,"KPM");
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 ')' at line 1
mysql> insert into Project value(1,"Dinakar","GVT",100,"KPM"),(2,"Abul","Akan",2000,"Chennai"),(3,"Akan","GVT",3000,"KPM");
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0

mysql> select Location,count(Location) from Project group by Location;
+-----+
| Location | count(Location) |
+-----+
| KPM | 2 |
| Chennai | 1 |
+-----+
2 rows in set (0.01 sec)

mysql> select P_Name,Coordinators from Project order 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 'S_No' at line 1
mysql> select P_Name,Coordinators from Project order by S_No;
+-----+
| P_Name | Coordinators |
+-----+
| Dinakar | GVT |
| Abul | Akan |
| Akan | GVT |
+-----+
3 rows in set (0.00 sec)
```