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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.

MySQL 8.0 Command Line Client

Enter password: *****

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 40

Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use dbms;

Database changed

mysql> create table bank(

-> sno int,

-> name varchar(255),

-> accno int,

-> balance int,

-> branch varchar(255)

->);

ERROR 1050 (42501): Table 'bank' already exists

mysql> desc bank;

Field	Type	Null	Key	Default	Extra
sno	int	YES		NULL	
cust_name	varchar(255)	YES		NULL	
acc_no	int	YES		NULL	
balance	int	YES		NULL	
cus_branch	varchar(255)	YES		NULL	

5 rows in set (0.00 sec)

mysql> select * from bank

-> where acc_no=12345;

sno	cust_name	acc_no	balance	cus_branch
3	harish	12345	250000	annasalai

1 row in set (0.00 sec)

mysql> █

Windows taskbar search bar: type here to search



Windows taskbar right side: 26°C Sunny, system tray icons, date and time: 10:10 12-01-2023

```
-> );
Query OK, 0 rows affected (0.03 sec)

mysql> insert into project value(1,'dbms','joe',1000,'chennai');
Query OK, 1 row affected (0.01 sec)

mysql> insert into project value(2,'cat','emma',2000,'tirupati');
Query OK, 1 row affected (0.01 sec)

mysql> insert into project value(3,'van','jon',3000,'chittoor');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from project;
+-----+-----+-----+-----+-----+
| sno | p_name | coordinator | p_price | location |
+-----+-----+-----+-----+-----+
| 1 | dbms | joe | 1000 | chennai |
| 2 | cat | emma | 2000 | tirupati |
| 3 | van | jon | 3000 | chittoor |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> insert into project value(4,'cam','monkey',1000,'den'
-> );
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from project;
+-----+-----+-----+-----+-----+
| sno | p_name | coordinator | p_price | location |
+-----+-----+-----+-----+-----+
| 1 | dbms | joe | 1000 | chennai |
| 2 | cat | emma | 2000 | tirupati |
| 3 | van | jon | 3000 | chittoor |
| 4 | cam | monkey | 1000 | den |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> select * from project
-> order by coordinator;
+-----+-----+-----+-----+-----+
| sno | p_name | coordinator | p_price | location |
+-----+-----+-----+-----+-----+
| 2 | cat | emma | 2000 | tirupati |
| 1 | dbms | joe | 1000 | chennai |
| 3 | van | jon | 3000 | chittoor |
| 4 | cam | monkey | 1000 | den |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> select
```

sno	p_name	coordinator	p_price	location
1	dbms	joe	1000	chennai
2	cat	emma	2000	tirupati
3	van	jon	3000	chittoor

3 rows in set (0.00 sec)

```
mysql> insert into project value(4,'cam','monkey',1000,'den')
-> );
```

Query OK, 1 row affected (0.01 sec)

```
mysql> select * from project;
```

sno	p_name	coordinator	p_price	location
1	dbms	joe	1000	chennai
2	cat	emma	2000	tirupati
3	van	jon	3000	chittoor
4	cam	monkey	1000	den

4 rows in set (0.00 sec)

```
mysql> select * from project
-> order by coordinator;
```

sno	p_name	coordinator	p_price	location
2	cat	emma	2000	tirupati
1	dbms	joe	1000	chennai
3	van	jon	3000	chittoor
4	cam	monkey	1000	den

4 rows in set (0.00 sec)

```
mysql> select sno,p_name,coordinator,p_price,location,max(p_price) as maximum_price
-> from project
-> group by location;
```

sno	p_name	coordinator	p_price	location	maximum_price
1	dbms	joe	1000	chennai	1000
2	cat	emma	2000	tirupati	2000
3	van	jon	3000	chittoor	3000
4	cam	monkey	1000	den	1000

4 rows in set (0.00 sec)

```
mysql> _
```