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EXP 6 : – GROUP BY, HAVING, ORDER BY

```
Command Prompt - mysql -u root -p
mysql> select proj_price
-> from project
-> order by proj_price;
+-----+
| proj_price |
+-----+
|      2000 |
|      3400 |
|      5000 |
|      5000 |
+-----+
4 rows in set (0.00 sec)

mysql> select * from project;
+-----+-----+-----+-----+-----+
| sno | projname | coordinators | proj_price | Location |
+-----+-----+-----+-----+-----+
| 1 | P1 | deepthi | 2000 | hyderabad |
| 2 | P2 | dhoni | 3400 | chennai |
| 3 | P3 | virat | 5000 | mumbai |
| 4 | P4 | sai | 5000 | mumbai |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

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Command Prompt - mysql -u root -p
mysql> select * from project;
+-----+-----+-----+-----+-----+
| sno | projname | coordinators | proj_price | Location |
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| 1 | P1 | deepthi | 2000 | hyderabad |
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| 3 | P3 | virat | 5000 | mumbai |
| 4 | P4 | sai | 5000 | mumbai |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select proj_price
-> ;
ERROR 1054 (42S22): Unknown column 'proj_price' in 'field list'
mysql> select coordinators
-> from project
-> order by coordinators;
+-----+
| coordinators |
+-----+
| deepthi |
| dhoni |
| sai |
| virat |
+-----+
4 rows in set (0.00 sec)

mysql>
```

```
Command Prompt - mysql -u root -p
ERROR 1055 (42000): Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'university.project.sno' which is
compatible with sql_mode=only_full_group_by
mysql> desc project;
```

Field	Type	Null	Key	Default	Extra
sno	int	YES		NULL	
projname	char(15)	YES		NULL	
coordinators	char(16)	YES		NULL	
proj_price	int	YES		NULL	
Location	char(15)	YES		NULL	

5 rows in set (0.00 sec)

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

sno	projname	coordinators	proj_price	Location
1	P1	deepthi	2000	hyderabad
2	P2	dhoni	3400	chennai
3	P3	virat	5000	mumbai
4	P4	sai	5000	mumbai

4 rows in set (0.00 sec)

```
mysql> select sno,count(sno) from project group by Location;
```

ERROR 1055 (42000): Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'university.project.sno' which is compatible with sql_mode=only_full_group_by

```
mysql> select projname from project order by location;
```

projname
P2
P1
P3
P4

4 rows in set (0.00 sec)

```
mysql>
```



Search

