

Exercise 6;

Group by- having;

Command:

```
mysql> select count(regd_no),age  
-> from student_  
-> group by dob  
-> having count(age);
```

Output:

```
mysql> select count(regd_no),age  
-> from student_  
-> group by dob  
-> having count(age);  
+-----+-----+  
| count(regd_no) | age |  
+-----+-----+  
|             1 | 18 |  
|             1 | 19 |  
|             1 | 20 |  
+-----+-----+  
3 rows in set (0.01 sec)
```

Order by:

Commands;

```
mysql> select regd_no,name,gender,dob,mobile_number,age from student_ order by regd_no;
```

```
mysql> select regd_no,gender,dob,mobile_number,age from student_ order by age;
```

Ouputs:

```
mysql> select regd_no,name,gender,dob,mobile_number,age from student_ order by regd_no;  
+-----+-----+-----+-----+-----+-----+  
| regd_no | name      | gender | dob  | mobile_number | age |  
+-----+-----+-----+-----+-----+-----+  
| 1020192 | Nithish   | M      | 2002 | 930289276     | 18 |  
| 192011332 | ramya    | F      | 2000 | 830189301     | 20 |  
| 192011342 | jashwanth | M      | 2001 | 830189301     | 19 |  
+-----+-----+-----+-----+-----+-----+  
3 rows in set (0.00 sec)
```

```
mysql> select regd_no,gender,dob,mobile_number,age from student_ order by age;  
+-----+-----+-----+-----+-----+  
| regd_no | gender | dob  | mobile_number | age |  
+-----+-----+-----+-----+-----+  
| 1020192 | M      | 2002 | 930289276     | 18 |  
| 192011342 | M      | 2001 | 830189301     | 19 |  
| 192011332 | F      | 2000 | 830189301     | 20 |  
+-----+-----+-----+-----+-----+  
3 rows in set (0.00 sec)
```

Exercise-7;

Subquery:

Command:

```
mysql> select*from akash
-> where Age in(select Age from akash where score>90);
```

Output:

```
mysql> select*from akash
-> where Age in(select Age from akash where score>90);
```

Name	Age	score	room_no
Anil	18	95	201
Akash	19	98	98

2 rows in set (0.01 sec)

Views:

Command:

```
mysql> create view School_Engineering_School as select campus,Location from Saveetha where No_of_faculty<100;
Query OK, 0 rows affected (0.02 sec)
```

Output:

```
mysql> select*from School_Engineering_school;
```

Campus	Location
SEC	Thandalam
Dental	Ponumalae

2 rows in set (0.01 sec)

```
mysql>
```

Index;

Command:

```
mysql> create index index_No_of_courses on Saveetha(No_of_courses);
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

Output:

```
mysql> select*from Saveetha index_No_of_courses;
```

Campus	No_of_courses	No_of_students	Location	No_of_faculty
SSE	10	10000	Thandalam	100
SEC	9	8000	Thandalam	90
Dental	3	2000	Ponumalae	50

3 rows in set (0.00 sec)

Commit:

Command:

```
mysql> insert into Saveetha values('Medical',10,5000,10000,'Thandalam',20);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> commit;
Query OK, 0 rows affected (0.00 sec)
```

Saved point;

Command:

```
mysql> insert into Saveetha values('SIMATS',10,11000,15000,'Thandalam',20);
ERROR 1136 (21S01): Column count doesn't match value count at row 1
mysql> savepoint B;
Query OK, 0 rows affected (0.00 sec)
```

Rollback;

Command: