MySQL 9.2 Command Line Cli

```
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 16
Server version: 9.2.0 MySQL Community Server - GPL

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

mysql> use lab6;
Database changed
mysql> select * from employee;
+--------+----------+------------+--------+------------+-----------+
| EMPNO  | EMP_NAME | DEPT       | SALARY | DOJ        | BRANCH    |
+--------+----------+------------+--------+------------+-----------+
| E101   | Amit     | Production |  45000 | 2000-03-12 | Bangalore |
| E102   | Amit     | HR         |  70000 | 2002-07-03 | Bangalore |
| E103   | Sunita   | Management | 120000 | 2001-01-11 | Mysore    |
| E105   | Sunita   | IT         |  67000 | 2001-08-01 | Mysore    |
| E106   | Mahesh   | Civil      | 145000 | 2003-09-20 | Mumbai    |
+--------+----------+------------+--------+------------+-----------+
5 rows in set (0.01 sec)

mysql> select empno, salary from eployee;
ERROR 1146 (42S02): Table 'lab6.eployee' doesn't exist
mysql> select empno, salary from employee;
+--------+--------+
| empno  | salary |
+--------+--------+
| E101   |  45000 |
| E102   |  70000 |
| E103   | 120000 |
| E105   |  67000 |
| E106   | 145000 |
+--------+--------+
5 rows in set (0.00 sec)

mysql> select avg(salary) from employee;
+-------------+
| avg(salary) |
+-------------+
|  89400.0000 |
+-------------+
```

```
mysql> select empno, salary from eployee;
ERROR 1146 (42S02): Table 'lab6.eployee' doesn't exist
mysql> select empno, salary from employee;
+--------+--------+
| empno  | salary |
+--------+--------+
| E101   |  45000 |
| E102   |  70000 |
| E103   | 120000 |
| E105   |  67000 |
| E106   | 145000 |
+--------+--------+
5 rows in set (0.00 sec)

mysql> select avg(salary) from employee;
+-------------+
| avg(salary) |
+-------------+
|  89400.0000 |
+-------------+
1 row in set (0.00 sec)

mysql> select count(*) from employee;
+----------+
| count(*) |
+----------+
|        5 |
+----------+
1 row in set (0.00 sec)

mysql> select count(DISTINCT emp_name) from employee;
+--------------------------+
| count(DISTINCT emp_name) |
+--------------------------+
|                        3 |
+--------------------------+
1 row in set (0.00 sec)
```

```
mysql> use theta;
Database changed
mysql> select * from student;
+------------+----------+----------------+-----------+---------+
| Student_ID | Stu_Name | Stu_Subject_ID | Stu_Marks | Stu_Age |
+------------+----------+----------------+-----------+---------+
|        101 | Akhil    | BCA101         |     85.00 |      20 |
|        102 | Balram   | BCA104         |     78.00 |      19 |
|        103 | Bheem    | BCA102         |     80.00 |      22 |
|        104 | Chetan   | BCA103         |     95.00 |      20 |
|        105 | Diksha   | BCA104         |     99.00 |      20 |
|        106 | Raman    | BCA105         |     88.00 |      19 |
|        107 | Sheetal  | BCA103         |     98.00 |      22 |
+------------+----------+----------------+-----------+---------+
7 rows in set (0.03 sec)

mysql> select * from subject;
+------------+----------------------+
| Subject_ID | Subject_Name         |
+------------+----------------------+
| BCA101     | C                    |
| BCA102     | C++                  |
| BCA103     | Principle of Management |
| BCA104     | Core Java            |
| BCA105     | Math                 |
| BCA106     | Android              |
+------------+----------------------+
6 rows in set (0.02 sec)

mysql> Select MAX(Stu_Marks), MIN(Stu_Marks) FROM Student;
+----------------+----------------+
| MAX(Stu_Marks) | MIN(Stu_Marks) |
+----------------+----------------+
|          99.00 |          78.00 |
+----------------+----------------+
1 row in set (0.01 sec)

mysql> SELECT * FROM Student LIMIT  1;
+------------+----------+----------------+-----------+---------+
| Student_ID | Stu_Name | Stu_Subject_ID | Stu_Marks | Stu_Age |
+------------+----------+----------------+-----------+---------+
|        101 | Akhil    | BCA101         |     85.00 |      20 |
+------------+----------+----------------+-----------+---------+
1 row in set (0.00 sec)

mysql> SELECT * FROM Student  ORDER BY Student_ID DESC  LIMIT 5;
```

```
+--------------------+--------------------+
| MAX(Stu_Marks) | MIN(Stu_Marks) |
+--------------------+--------------------+
|              99.00 |              78.00 |
+--------------------+--------------------+
1 row in set (0.01 sec)

mysql> SELECT * FROM Student LIMIT  1;
+------------+-----------+---------------+-----------+---------+
| Student_ID | Stu_Name  | Stu_Subject_ID | Stu_Marks | Stu_Age |
+------------+-----------+---------------+-----------+---------+
|        101 | Akhil     | BCA101        |     85.00 |      20 |
+------------+-----------+---------------+-----------+---------+
1 row in set (0.00 sec)

mysql> SELECT * FROM Student  ORDER BY Student_ID DESC  LIMIT 5;
+------------+-----------+---------------+-----------+---------+
| Student_ID | Stu_Name  | Stu_Subject_ID | Stu_Marks | Stu_Age |
+------------+-----------+---------------+-----------+---------+
|        107 | Sheetal   | BCA103        |     98.00 |      22 |
|        106 | Raman     | BCA105        |     88.00 |      19 |
|        105 | Diksha    | BCA104        |     99.00 |      20 |
|        104 | Chetan    | BCA103        |     95.00 |      20 |
|        103 | Bheem     | BCA102        |     80.00 |      22 |
+------------+-----------+---------------+-----------+---------+
5 rows in set (0.00 sec)

mysql> SELECT * FROM Student  LIMIT 5;
+------------+-----------+---------------+-----------+---------+
| Student_ID | Stu_Name  | Stu_Subject_ID | Stu_Marks | Stu_Age |
+------------+-----------+---------------+-----------+---------+
|        101 | Akhil     | BCA101        |     85.00 |      20 |
|        102 | Balram    | BCA104        |     78.00 |      19 |
|        103 | Bheem     | BCA102        |     80.00 |      22 |
|        104 | Chetan    | BCA103        |     95.00 |      20 |
|        105 | Diksha    | BCA104        |     99.00 |      20 |
+------------+-----------+---------------+-----------+---------+
5 rows in set (0.00 sec)
```

```
mysql>  create table person(Id varchar(200), Name varchar(200), Mobile varchar(200), Email varchar(200));
Query OK, 0 rows affected (0.04 sec)

mysql>  insert into person(Id, Name, Mobile, Email) values('MRUE1200', 'Nishcal', '8099388993', 'mru123@mallareddyuniversity.ac.in');
Query OK, 1 row affected (0.01 sec)

mysql> insert into person(Id, Name, Mobile, Email) values('MRUE1201', 'Ramakrishna', '9989870211', 'mru123@mallareddyuniversity.ac.in'
);
Query OK, 1 row affected (0.02 sec)

mysql>  insert into person(Id, Name, Mobile, Email) values('MRUE1250', 'Ashok', '9597563545', 'mru123@mallareddyuniversity.ac.in');
Query OK, 1 row affected (0.00 sec)

mysql>  SELECT * FROM person;
+----------+-------------+------------+------------------------------------+
| Id       | Name        | Mobile     | Email                              |
+----------+-------------+------------+------------------------------------+
| MRUE1200 | Nishcal     | 8099388993 | mru123@mallareddyuniversity.ac.in  |
| MRUE1201 | Ramakrishna | 9989870211 | mru123@mallareddyuniversity.ac.in  |
| MRUE1250 | Ashok       | 9597563545 | mru123@mallareddyuniversity.ac.in  |
+----------+-------------+------------+------------------------------------+
3 rows in set (0.00 sec)

mysql>  select Email from person group by EMail having count(Email)>1;
+------------------------------------+
| Email                              |
+------------------------------------+
| mru123@mallareddyuniversity.ac.in  |
+------------------------------------+
1 row in set (0.01 sec)

mysql>
```

```
4 rows in set (0.00 sec)

mysql> select * from emp;
+------+--------+
| id   | salary |
+------+--------+
|    1 |    100 |
|    2 |    200 |
|    3 |    300 |
+------+--------+
3 rows in set (0.01 sec)

mysql> SELECT DISTINCT salary
    -> FROM emp
    -> ORDER BY salary DESC
    -> LIMIT 1 OFFSET 1;
+--------+
| salary |
+--------+
|    200 |
+--------+
1 row in set (0.05 sec)
```