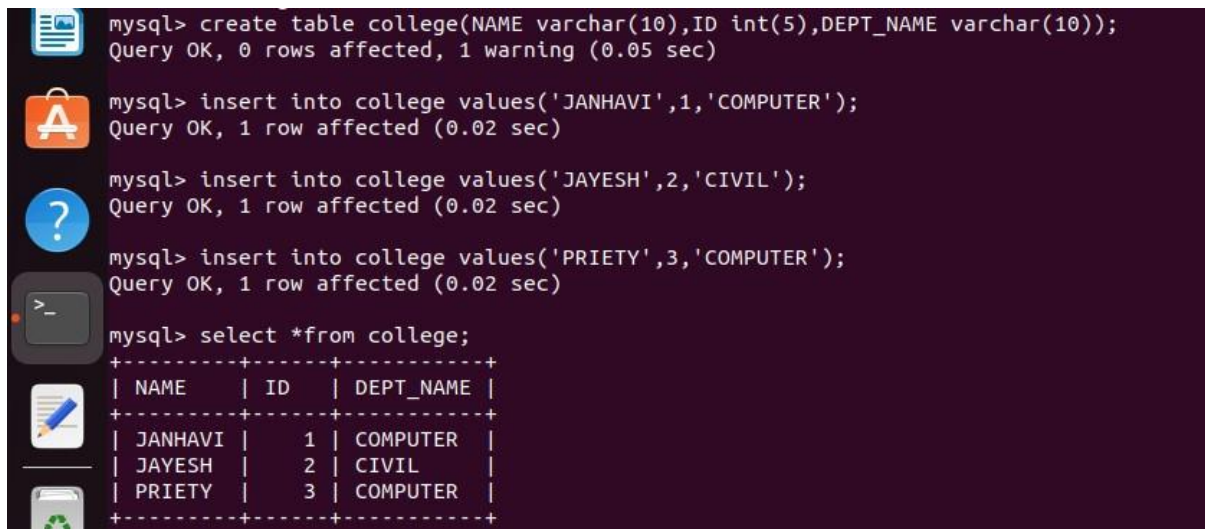# PRACTICAL NO. 4

TABLE COLLEGE.

SQL> create table college(NAME varchar(10),Id int(5),DEPT_NAME varchar(10));

SQL>insert into college values('JANHAVI',1,'COMPUTER');

SQL>insert into college values('JAYESH',2,'CIVIL');

SQL>insert into college values('PRIETY,3,'COMPUTER');

SQL>select *from college;

```
mysql> create table college(NAME varchar(10),ID int(5),DEPT_NAME varchar(10));
Query OK, 0 rows affected, 1 warning (0.05 sec)

mysql> insert into college values('JANHAVI',1,'COMPUTER');
Query OK, 1 row affected (0.02 sec)

mysql> insert into college values('JAYESH',2,'CIVIL');
Query OK, 1 row affected (0.02 sec)

mysql> insert into college values('PRIETY',3,'COMPUTER');
Query OK, 1 row affected (0.02 sec)

mysql> select *from college;
+---------+------+-----------+
| NAME    | ID   | DEPT_NAME |
+---------+------+-----------+
| JANHAVI |    1 | COMPUTER  |
| JAYESH  |    2 | CIVIL     |
| PRIETY  |    3 | COMPUTER  |
+---------+------+-----------+
```

TABLE UNIVERISTY.

SQL>create table university(NAME varchar(10),Id int(5),DEPT_NAME varchar(10),CITY varchar(10));

SQL>insert into university values('PRIETY,3,'COMPUTER','AHMEDNAGAR');

SQL>insert into university values('JAYESH',2,'CIVIL',NAGPUR');

SQL>insert into university values('SIDDHARTH',3,'ACTOR','MUMBAI');

SQL>select *from university;

```
mysql> insert into university values('PRIETY',3,'COMPUTER','AHMEDNAGAR');
Query OK, 1 row affected (0.02 sec)

mysql> insert into university values('JAYESH',2,'CIVIL','NAGPUR');
Query OK, 1 row affected (0.02 sec)

mysql> insert into university values('SIDDHARTH',3,'ACTOR','MUMBAI');
Query OK, 1 row affected (0.02 sec)

mysql> select *from university;
+-----------+------+-----------+------------+
| NAME      | ID   | DEPT_NAME | CITY       |
+-----------+------+-----------+------------+
| PRIETY    |    3 | COMPUTER  | AHMEDNAGAR |
| JAYESH    |    2 | CIVIL     | NAGPUR     |
| SIDDHARTH |    3 | ACTOR     | MUMBAI     |
+-----------+------+-----------+------------+
3 rows in set (0.01 sec)

mysql> select NAME,ID,DEPT_NAME from college
```

1. UNION.

SQL>select NAME,ID,DEPT_NAME from college
        UNION
        select NAME,ID,DEPT_NAME from university;

```
mysql> select NAME,ID,DEPT_NAME from college UNION select NAME,ID,DEPT_NAME from university;
+-----------+------+-----------+
| NAME      | ID   | DEPT_NAME |
+-----------+------+-----------+
| JANHAVI   |    1 | COMPUTER  |
| JAYESH    |    2 | CIVIL     |
| PRIETY    |    3 | COMPUTER  |
| SIDDHARTH |    3 | ACTOR     |
+-----------+------+-----------+
4 rows in set (0.01 sec)

mysql>
```

2. INTERSECT.

SQL>select ID from college
       INTERSECT
       select ID from university;

```
mysql> select ID from college
    -> INTERSECT
    -> select ID from university;
+------+
| ID   |
+------+
|    2 |
|    3 |
+------+
2 rows in set (0.00 sec)

mysql>
```