NAME:

**SUBHAN KHALID** 

**ROLL NO:** 

P20086

**SECTION 4A** 

**LAB 10** 

\_\_\_\_\_\_

#### CREATE USER

```
MariaDB [(none)]> CREATE USER 'Subhan'@'localhost' IDENTIFIED BY '1234';
Query OK, 0 rows affected (0.002 sec)
```

## **Q2:GRANT TO VIEW**

```
MariaDB [p200086_subhan]> grant select on p200086_subhan.PARK_UK to 'Subhan'@'localhost'; Query OK, O rows affected (0.004 sec)
```

Accessing EMPLOYEE table (SELECT, UPDATE) from database themepark:

MariaDB [(none)]> grant select on p200086\_subhan.EMPLOYEE to 'Subhan'@'localhost';
Query OK, O rows affected (0.002 sec)

```
MariaDB [p200086_subhan]> show databases
Database
 company
 fb
 information_schema
 mysql
 organization
 p200086_subhan
 performance_schema
 person
 phpmyadmin
 sales_co
 test
 themepark
12 rows in set (0.001 sec)
MariaDB [p200086_subhan]>
```

access full database of fb/company (which you have used in last lab):

```
MariaDB [p200086_subhan]>
MariaDB [p200086_subhan]>
MariaDB [p200086_subhan]> grant select on fd.* to 'Subhan'@'localhost';

Query OK, O rows affected (0.002 sec)

To create a database:

MariaDB [p200086 subhan]> grant create on *.* to 'Subhan'@'localhost';
```

```
Query OK, 0 rows affected (0.002 sec)
```

Q3:
MariaDB [p200086\_subhan]> revoke select on p200086\_subhan.PARK\_UK from 'Subhan'@'localhost';
Query OK, 0 rows affected (0.002 sec)

Q4:

```
MariaDB [p200086_subhan]> SET AUTOCOMMIT =0;
Query OK, 0 rows affected (0.000 sec)
```

## Insert to themepark:

```
MariaDB [p200086_subhan]> INSERT INTO THEMEPARK VALUES('FR1003','TEST','XYZ','PK');
Query OK, 1 row affected (0.001 sec)
MariaDB [p200086 subhan]> SELECT * FROM THEMEPARK;
 PARK CODE | PARK NAME | PARK CITY | PARK COUNTRY |
                              PN
                                              PK
 123
            | awais
                            | XYZ
            | TEST
 ABC124
                                              PK
                            | XYZ
| PARIS
            TEST
                                             | PK
 ABC125
            | FairyLand
 FR1001
                                             FR
            | TEST
                             XYZ
 FR1003
                                              PK
  Lion
            | Adventure
                             PN
                                              PK
 NL1202
                            NOORD
            | Efling
                                              NL
 pk123
           | Adventure
                            pwr
                                             | pk
 PST
           | Adventure
                             PN
                                             | PK
 SP4533 | AdventurePort | BARCELONA
SW2323 | Labyrinthe | LAUSANNE
TT | Adventure | PN
UK2622 | MiniLand | WINDSOR
                                             | SP
                                             | SW
                                              pk
                                            I UK
 UK3452
            | PleasureLand | STOKE
                                              UK
 ZA1342
            | GoldTown
                           | JOHANNESBURG | ZA
16 rows in set (0.001 sec)
```

# **BEFORE ROLL BACK:**

MariaDB [p200086\_subhan]> INSERT INTO THEMEPARK VALUES('FR1004','TEST','XYZ','PK'); Query OK, 1 row affected (0.000 sec) MariaDB [p200086\_subhan]> SELECT \* FROM THEMEPARK; | PARK\_CODE | PARK\_NAME | PARK\_CITY | PARK\_COUNTRY | | PN PK PK 123 | awais ABC124 | TEST XYZ | TEST | XYZ | FairyLand | PARIS | TEST | XYZ ABC125 | PK | FR FR1001 FR1003 | PK | Adventure | PN | Efling | PK FR1004 | PK Lion NOORD pwr | NL NL1202 | Efling Adventure pk123 | pk | Adventure PN | PK PST SP4533 | AdventurePort | BARCELONA SW2323 | Labyrinthe | LAUSANNE TT | Adventure | PN I SP | SW | pk UK2622 | MiniLand | WINDSOR | UK UK3452 | PleasureLand | STOKE | UK ZA1342 | GoldTown | JOHANNESBURG | ZA 17 rows in set (0.001 sec)

## AFTER ROLLBACK:

MariaDB [p200086\_subhan]> ROLLBACK; Query OK, 0 rows affected (0.004 sec) MariaDB [p200086 subhan]> SELECT \* FROM THEMEPARK; PARK\_CODE | PARK\_NAME | PARK\_CITY | PARK\_COUNTRY | PK PN awais | XYZ TEST ABC124 | PK | TEST | PK ABC125 XYZ | PARIS | FairyLand FR1001 | FR | PN | PK Lion | Adventure NL1202 | Efling NOORD | NL | pwr | Adventure pk123 | pk | Adventure | PN | PK PST | AdventurePort | BARCELONA | Labyrinthe | LAUSANNE | SP | SW SP4533 SW2323 TT MiniLand UK2622 UK3452 UK | PleasureLand | STOKE | GoldTown | JOHANNESBURG | ZA ZA1342 15 rows in set (0.001 sec)

### AGAIN INSERTION AND ROLLBACK AFTER COMMIT:

```
MariaDB [p200086_subhan]>
MariaDB [p200086_subhan]> INSERT INTO THEMEPARK VALUES('FR1006','TEST','XYZ','PK');
Query OK, 1 row affected (0.001 sec)
MariaDB [p200086_subhan]> INSERT INTO THEMEPARK VALUES('FR1007','TEST','XYZ','PK');
Query OK, 1 row affected (0.001 sec)
MariaDB [p200086_subhan]> COMMIT;
Query OK, 0 rows affected (0.003 sec)
MariaDB [p200086_subhan]> ROLLBACK;
Query OK, 0 rows affected (0.000 sec)
MariaDB [p200086_subhan]> SELECT * FROM THEMEPARK;
                            | PARK_CITY | PARK_COUNTRY |
 PARK_CODE | PARK_NAME
 123
             awais
            | TEST
 ABC124
                             XYZ
                                             PK
 ABC125
            TEST
                             XYZ
                                             PK
                             PARIS
 FR1001
                                             FR
             FairyLand
                                             PK
 FR1006
             TEST
                             XYZ
 FR1007
             TEST
                              XYZ
                                             PK
                              PN
                                             PK
  Lion
              Adventure
 NL1202
              Efling
                              NOORD
                                             NL
 pk123
             Adventure
                              PWL
                                             pk
 PST
                              PN
                                             PK
             Adventure
             AdventurePort
 SP4533
                              BARCELONA
                                             SP
 SW2323
              Labyrinthe
                             LAUSANNE
                                             SW
              Adventure
                             PN
                                             pk
 UK2622
             MiniLand
                             WINDSOR
                                             UK
 UK3452
            | PleasureLand
                            I STOKE
                                             UK
            | GoldTown
 ZA1342
                            | JOHANNESBURG | ZA
17 rows in set (0.001 sec)
```

### AGAIN ISERTION AND USING SAVEPOINT AND THEN ROLLBACK:

```
MariaDB [p200086_subhan]> INSERT INTO THEMEPARK VALUES('FR1009','TEST','XYZ','PK');
Query OK, 1 row affected (0.001 sec)
MariaDB [p200086_subhan]> INSERT INTO THEMEPARK VALUES('FR1010','TEST','XYZ','PK');
Query OK, 1 row affected (0.000 sec)
MariaDB [p200086_subhan]> SAVEPOINT SV1;
Query OK, 0 rows affected (0.000 sec)
MariaDB [p200086_subhan]> SELECT * FROM THEMEPARK;
                               PARK_CITY
 PARK CODE | PARK NAME
                                                PARK COUNTRY
               awais
  ABC124
                                  XYZ
                                                   PK
  ABC125
                TEST
                                                   PK
                                                   FR
  FR1001
               FairyLand
                                  PARIS
                                                   PK
  FR1006
               TEST
                                  XYZ
                                                   PK
  FR1007
               TEST
                                  XYZ
                                                   PK
  FR1009
               TEST
                                  XYZ
  FR1010
               TEST
                                  XYZ
                                                   PK
                                                   PK
  Lion
               Adventure
                                  PN
  NL1202
                                  NOORD
  pk123
               Adventure
                                                   pk
  PST
               Adventure
                                  PN
                                                   PK
  SP4533
                                  BARCELONA
                                                   SP
               AdventurePort
                                  LAUSANNE
                                                   SW
  SW2323
               Labyrinthe
               Adventure
                                                   pk
  UK2622
               MiniLand
                                  WINDSOR
                                                   UK
  UK3452
               PleasureLand
                                  JOHANNESBURG
               GoldTown
19 rows in set (0.001 sec)
MariaDB [p200086_subhan]>
```

