Setting environment for using XAMPP for Windows.

726134@128-IMAC30 c:\xampp

# mysql -u root -p

Enter password:

ERROR 2003 (HY000): Can't connect to MySQL server on 'localhost' (10061 "Unknown error")

726134@128-IMAC30 c:\xampp

# mysql -u root -p

Enter password:

ERROR 2003 (HY000): Can't connect to MySQL server on 'localhost' (10061 "Unknown error")

726134@128-IMAC30 c:\xampp

# mysql -u root -p

Enter password:

ERROR 2003 (HY000): Can't connect to MySQL server on 'localhost' (10061 "Unknown error")

726134@128-IMAC30 c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 2

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.06 sec)

MariaDB [(none)]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> CREATE OR REPLACE TABLE STUD\_MARKS( STUDENT\_ID INTEGER(3) PRIMARY KEY, NAME VARCHAR(40) NOT NULL, SUB1 DOUBLE(4,2), SUB2 DOUBLE(4,2), SUB3 DOUBLE(4,2), SUB4 DOUBLE(4,2), SUB5 DOUBLE(4,2), TOTAL DOUBLE(5,2), PERCENTAGE DOUBLE(4,2), GRADE VARCHAR(20));INSERT INTO STUD\_MARKS (STUDENT\_ID,NAME) VALUES(1,'ALEX');INSERT INTO STUD\_MARKS (STUDENT\_ID,NAME) VALUES(2,'BOB');INSERT INTO STUD\_MARKS (STUDENT\_ID,NAME) VALUES(3,'CHARLEY');INSERT INTO STUD\_MARKS (STUDENT\_ID,NAME) VALUES(4,'DONNA');

Query OK, 0 rows affected (4.60 sec)

Query OK, 1 row affected (0.48 sec)

Query OK, 1 row affected (0.27 sec)

Query OK, 1 row affected (0.48 sec)

Query OK, 1 row affected (0.45 sec)

MariaDB [csd2204w18]> select \* from stud\_marks;

+------------+---------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+---------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | BOB | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | CHARLEY | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | DONNA | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+---------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> UPDATE stud\_marks set NAME="rushang" WHERE STUDENT\_ID=2;

Query OK, 1 row affected (0.22 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> SELECT \* FROM STUD\_MARKS;

+------------+---------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+---------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | rushang | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | CHARLEY | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | DONNA | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+---------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> rollback;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> SELECT \* FROM STUD\_MARKS;

+------------+---------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+---------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | rushang | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | CHARLEY | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | DONNA | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+---------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> start transaction;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> UPDATE stud\_marks set NAME="rohan" WHERE STUDENT\_ID=3;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> SELECT \* FROM STUD\_MARKS;

+------------+---------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+---------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | rushang | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | rohan | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | DONNA | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+---------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> rollback;

Query OK, 0 rows affected (0.06 sec)

MariaDB [csd2204w18]> SELECT \* FROM STUD\_MARKS;

+------------+---------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+---------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | rushang | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | CHARLEY | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | DONNA | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+---------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> UPDATE stud\_marks set NAME="rohan" WHERE STUDENT\_ID=3;

Query OK, 1 row affected (0.16 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> savepoint s1;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> UPDATE stud\_marks set NAME="abhishek\_garbage" WHERE STUDENT\_ID=4;

Query OK, 1 row affected (0.17 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> SELECT \* FROM STUD\_MARKS;

+------------+------------------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+------------------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | rushang | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | rohan | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | abhishek\_garbage | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+------------------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> rollback to s1;

ERROR 1305 (42000): SAVEPOINT s1 does not exist

MariaDB [csd2204w18]> rollback to s1;

ERROR 1305 (42000): SAVEPOINT s1 does not exist

MariaDB [csd2204w18]> start transaction;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> UPDATE stud\_marks set NAME="rush" WHERE STUDENT\_ID=2;

Query OK, 1 row affected (0.03 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> savepoint s2;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]> UPDATE stud\_marks set NAME="abhishek" WHERE STUDENT\_ID=4;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> SELECT \* FROM STUD\_MARKS;

+------------+----------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+----------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | rush | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | rohan | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | abhishek | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+----------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> rollback to s1;;

ERROR 1305 (42000): SAVEPOINT s1 does not exist

ERROR: No query specified

MariaDB [csd2204w18]> rollback to s2;;

Query OK, 0 rows affected (0.00 sec)

ERROR: No query specified

MariaDB [csd2204w18]> SELECT \* FROM STUD\_MARKS;

+------------+------------------+------+------+------+------+------+-------+------------+-------+

| STUDENT\_ID | NAME | SUB1 | SUB2 | SUB3 | SUB4 | SUB5 | TOTAL | PERCENTAGE | GRADE |

+------------+------------------+------+------+------+------+------+-------+------------+-------+

| 1 | ALEX | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 2 | rush | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 3 | rohan | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

| 4 | abhishek\_garbage | NULL | NULL | NULL | NULL | NULL | NULL | NULL | NULL |

+------------+------------------+------+------+------+------+------+-------+------------+-------+

4 rows in set (0.00 sec)

MariaDB [csd2204w18]>