**ASSIGMENT NO.1**

**1. Create DATABASE**

mysql> CREATE DATABASE Riders

-> CREATE DATABASE Riders;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'CREATE DATABASE Riders' at line 2

mysql> CREATE DATABASE Riders;

Query OK, 1 row affected (0.01 sec)

mysql> show databases;

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

| Database |

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

| information\_schema |

| adventureworks |

| day1 |

| dummy |

| employee |

| mydb |

| mysql |

| performance\_schema |

| riders |

| test |

| vita |

| vita\_db |

| works |

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

13 rows in set (0.00 sec)

**2.Change database to riders**

mysql> USE Riders;

Database changed

**3.CREATE TABLE**

mysql> CREATE TABLE ProductCategory

-> (

-> ProductCategoryID int primary key,

-> Name varchar(20)

-> );

Query OK, 0 rows affected (0.09 sec)

**4. INSERT VALUES INTO TABLES**

mysql> INSERT INTO ProductCategory VALUE (1,'Bikes');

Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO ProductCategory VALUE (2,'Accessior');

Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO ProductCategory VALUE (3,'components');

Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO ProductCategory VALUE (4,'parts');

Query OK, 1 row affected (0.03 sec)

**5.DISPLAY TABLE**

mysql> SELECT\*

-> FROM ProductCategory;

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

| ProductCategoryID | Name |

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

| 1 | Bikes |

| 2 | Accessior |

| 3 | components |

| 4 | parts |

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

4 rows in set (0.00 sec)

**6.TYPING ERROR**

mysql> INSERT INTO ProductCategory VALUE (5,'Misc');

Query OK, 1 row affected (0.02 sec)

mysql> SELECT\*

-> FROM ProductCategory;

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

| ProductCategoryID | Name |

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

| 1 | Bikes |

| 2 | Accessior |

| 3 | components |

| 4 | parts |

| 5 | Misc |

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

5 rows in set (0.00 sec)

**7.UPDATE TABLE**

mysql> UPDATE ProductCategory

-> SET Name = 'Miscellaneous'

-> WHERE ProductCategoryID = 5;

Query OK, 1 row affected (0.03 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> SELECT\*

-> FROM ProductCategory;

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

| ProductCategoryID | Name |

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

| 1 | Bikes |

| 2 | Accessior |

| 3 | components |

| 4 | parts |

| 5 | Miscellaneous |

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

5 rows in set (0.00 sec)

**8. DELETE ROWS**

mysql> INSERT INTO ProductCategory VALUE (5,'BERVEAGES');

Query OK, 1 row affected (0.02 sec)

mysql> SELECT\*

-> FROM ProductCategory;

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

| ProductCategoryID | Name |

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

| 1 | Bikes |

| 2 | Accessior |

| 3 | components |

| 4 | parts |

| 5 | Miscellaneous |

| 5 | BERVEAGES |

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

6 rows in set (0.00 sec)

mysql> DELETE FROM ProductCategory

-> WHERE Name = 'Miscellaneous';

Query OK, 1 row affected (0.03 sec)

mysql> SELECT\*

-> FROM ProductCategory;

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

| ProductCategoryID | Name |

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

| 1 | Bikes |

| 2 | Accessior |

| 3 | components |

| 4 | parts |

| 5 | BERVEAGES |

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

5 rows in set (0.00 sec)

**9.Purse Data**

mysql> SELECT\*

-> FROM ProductCategory;

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

| ProductCategoryID | Name |

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

| 1 | BERVEAGES |

| 2 | BERVEAGES |

| 3 | BERVEAGES |

| 4 | BERVEAGES |

| 5 | BERVEAGES |

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

5 rows in set (0.00 sec)

mysql> TRUNCATE TABLE ProductCategory;

Query OK, 0 rows affected (0.03 sec)

**10. REMOVE TABLE FROM DATABASE**

mysql> DROP TABLE ProductCategory;

Query OK, 0 rows affected (0.04 sec)

mysql> SELECT\*

-> FROM ProductCategory;

ERROR 1146 (42S02): Table 'riders.productcategory' doesn't exist

mysql>