DB CREATION

on terminal goto root by using the command **sudo su**
then type **mysql -u root -p** then enter password

Then type **SHOW DATABASES** (to show the current databases) after that to create a database by typing the command **CREATE DATABASE onrevenue;** (in this onrevenue is the DB name)

To enter the database type **USE onrevenue;** (onnrevenue DB Name)

To Creata a Table inside onrevenue by typing the command **CREATE TABLE employes(id INT NOT NULL, name VARCHAR(40) NOT NULL);**

To Show the tables use the command **DESCRIBE employes;** (employes is the table name)

```
root@dipin-Vostro-3446: /home/dipin

File  Edit  View  Search  Terminal  Help
MariaDB [onrevenue]> show tables
    -> ;
+---------------------+
| Tables_in_onrevenue |
+---------------------+
| employes            |
+---------------------+
1 row in set (0.00 sec)

MariaDB [onrevenue]> DESCRIBE employes ;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| id      | int(11)     | NO   |     | NULL    |       |
| name    | varchar(40) | NO   |     | NULL    |       |
| remarks | varchar(80) | YES  |     | ENGLISH |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.00 sec)

MariaDB [onrevenue]>
MariaDB [onrevenue]>
MariaDB [onrevenue]>
MariaDB [onrevenue]>
MariaDB [onrevenue]>
```

To Insert the values to tables use command **INSERT INTO employes VALUES(_____);**
eg : (INSERT INTO employes VALUES(51,'xyz1','no-remarks,good'); integer does not have quates.

To show the inserted values to DB by using the command **SELECT * FROM employes;**

```
root@dipin-Vostro-3446: /home/dipin

File  Edit  View  Search  Terminal  Help
MariaDB [onrevenue]> DESCRIBE onrevenue ;INSERT INTO employes VALUES(50,'xyz','n
o-remarks');
ERROR 1146 (42S02): Table 'onrevenue.onrevenue' doesn't exist
Query OK, 1 row affected (0.01 sec)

MariaDB [onrevenue]> select * from employes
    -> ;
+----+------+------------+
| id | name | remarks    |
+----+------+------------+
| 50 | xyz  | no-remarks |
+----+------+------------+
1 row in set (0.00 sec)

MariaDB [onrevenue]>
MariaDB [onrevenue]> INSERT INTO employes VALUES(51,'xyz1','no-remarks,good');
Query OK, 1 row affected (0.00 sec)

MariaDB [onrevenue]> select * from employes;
+----+------+-----------------+
| id | name | remarks         |
+----+------+-----------------+
| 50 | xyz  | no-remarks      |
| 51 | xyz1 | no-remarks,good |
+----+------+-----------------+
2 rows in set (0.00 sec)

MariaDB [onrevenue]>
```

DB Backup
on root terminal type **mysqldump -u root -p onrevenue > revenuebackup.sql**   (ON REVENUE
IS THE DB NAME and revenue backup.sql is the backup name)

after that hav to delete the db using **DROP DATABASE onrevenue;**
then to verify type **SHOW DATABASES;**

then create a DB as follows

To restore type in terminal **mysql -u root -p -h localhost onrevenue < revenuebackup.sql** (

scuessfully restored.

For Reference

DB,Table Creation https://www.youtube.com/watch?v=qAM6ElROwqQ

DB Restore : https://www.youtube.com/watch?v=rb9iZ6sLkxI