1. To create a database

CREATE DATABASE database\_name;

Ex. create database edge35;

**Use database student**

Show databases;

**select database();**

**select user();**

**To describe a table**

**desc table\_name;**

2. To delete a database

DROP DATABASE *databasename*;

Ex. DROP DATABASE *student*;

3. To create a table under a database

CREATE TABLE *table\_name* (  
  *column1 datatype*,  
  *column2 datatype*,  
  *column3 datatype*,  
    ....  
 );

create table student (

stu\_id varchar(15),

F\_name varchar(30),

L\_name varchar(30),

Dept char(20),

CGPA decimal(4,2));

4. To delete a table

DROP TABLE *table\_name*;

Ex. DROP TABLE student;

5. To change or rename a table name

ALTER TABLE old\_table\_name RENAME TO new\_table\_name;

6. To add a new column in a table

ALTER TABLE *table\_name* ADD *column\_name datatype*;

Ex. ALTER TABLE Customers  
 ADD Email varchar(255);

alter table customerinfo add column cus\_id varchar(10) first;

alter table customerinfor add column cus\_name varchar(45) after customerNo;

7. To delete a column in a table

ALTER TABLE *table\_name* DROP COLUMN *column\_name*;

Ex. ALTER TABLE *customers* DROP COLUMN *email*;

8. To change a column name

ALTER TABLE *table\_name* change column *old\_name new\_name datatype(size)*;

Or

ALTER TABLE *table\_name* rename column *old\_name to new\_name datatype(size)*;

9. To change a column type

ALTER TABLE *table\_name* modify column\_name columntype(size);

10.                       Insert a record in a table

insert into student values ("stat-20001","Amir","Shohel","Statistics",3.56);

or

insert into student (stu\_id,f\_name,l\_name,Dept,CGPA) values ("Stat-20002","Mr.","Rahman","Statistics",3.92);

11.                       Insert a record with selective columns in a table

insert into student (stu\_id,f\_name,l\_name,Dept) values ("CP-20001","Mr.","Akbor","CPS");

12.                       Insert multiple records at a time

insert into student values

     ("Stat-20003","Rx","Ryan","Statistics",3.88),

     ("Stat-20004","Mohd.","Abdulah","Statistics",3.56),

("CP-20002","golam","Azom","CPS",3.65);

13. Create procedure

A stored procedure is a prepared SQL code that you can save, so the code can be reused over and over again.

List out all procedure in a database

**show procedure status where db="edgeict";**

**To delete a procedure**

Drop procedure procedure\_name;

14. delimiter &&

mysql> create proedure stu\_all\_info()

-> begin

-> select \* from student;

-> end&&

call deleteAll();

delimiter &&

mysql> create procedure stu\_count()

    -> begin

    -> select count(s\_id) from student;

    -> end&&