Database:- It is a collection of large amount of data

sql:- structured query language-- It is a language used for database

mysql:- mysql is a database server

xampp-mysql server

Database creation:-

sql query:-

create database <databasename>

To show the all database:-

SHOW DATABASES

Table creation:-

create table <tablename>

(

fieldname datatype(size)

)

CREATE TABLE student

(

stu\_id int(10),

stu\_name varchar(20),

stu\_subject varchar(20)

)

Add values in a table:-

insert into tablename(columname) values()

INSERT INTO student(stu\_id,stu\_name,stu\_subject) VALUES(1,"abhishek","Database");

INSERT INTO student(stu\_id,stu\_name,stu\_subject) VALUES(2,"Dipali","Python");

INSERT INTO student(stu\_id,stu\_name,stu\_subject) VALUES(3,"pritam","java");

INSERT INTO student(stu\_id,stu\_name,stu\_subject) VALUES(4,"ekta","android");

INSERT INTO student(stu\_id,stu\_name,stu\_subject) VALUES(5,"bhanu","flutter");

Add column to the table:-

alter table <tablename> add columnname datatype(size)

ALTER TABLE student ADD stu\_address varchar(50)

To change the name of column:-

alter table <tablename> change old columnname newcolumname datatype(size)

ALTER TABLE student CHANGE stu\_id student\_id int(10)

Task:- Create database company and create table employee and add fields:-

1) Employee id

2) Employee name

3) Employee Department

4) Employee salary

--> Add column Employee bonus using alter

--> Change columname of employee salary to emp\_salary