CREATE DATABASE School;

show databases;

use School;

CREATE TABLE student (

rollno int primary key,

name varchar(50), marks int not null, grade varchar(1), city varchar(30)

);

INSERT INTO student(rollno, name, marks, grade, city)

VALUES

(101,"anil", 78, "C","pune"),

(102, "bhumika", 93, "A", "Mumbai"),

(103, "chetna", 85, "B" , "Mumbai"),

(104, "dhruv", 96, "A" , "Delhi"),

(105, "Emanual", 12, "F", "Delhi"),

(106, "farah", 82, "B", "Delhi");

select distinct city from student;

select\*from student where marks >80 or city="delhi";

select\*from student where city not in("delhi", "mumbai");

select\*from student where marks >90 LIMIT 1;

select\*from student ORDER BY marks desc;

select max(marks) from student;

select avg(marks) from student;

select min(marks) from student;

select city, count(name) from student group by city;

select city, avg(marks) from student group by city order by avg(marks) desc;

select city, count(rollno) from student group by city having max(marks)>90;

select city, count(rollno) from student where grade ="B" group by city having max(marks)>80;

SET SQL\_SAFE\_UPDATES=0;

UPDATE student set grade= "D" where grade= "A";

UPDATE student set grade= "B" where marks between 75 and 90;

select \*from student;

UPDATE student set marks = marks+1 where marks = 78;

select \*from student;

delete FROM student where marks<=13;

select \*from student;

alter table student add column age int not null default 19;

alter table student drop column age ;

truncate table student;

select\*from student;