create database patients\_records;

use patients\_records;

create table patients (

date\_ date not null,

pid varchar(50) not null,

p\_name varchar(50) not null,

age int not null,

weight int not null,

gender varchar(10) not null,

location varchar(50) not null,

phone\_no int not null,

diease varchar(50) not null,

doctor\_name varchar (60) not null,

doctor\_id int not null,

primary key(pid));

select count(\*) as total\_patients from patients\_records.patients;

select pid, p\_name, gender, diease, max(age) as max\_age from patients\_records.patients;

select pid, p\_name, now() as currentdate from patients\_records.patients;

select doctor\_name, ucase(doctor\_name) as upper\_doctor from patients\_records.patients;

select p\_name, length(p\_name) as length\_pname from patients\_records.patients;

select p\_name, mid(gender,1,1) as gender from patients\_records.patients;

select p\_name,doctor\_name,concat(p\_name,' ',doctor\_name) as p\_d\_name from patients\_records.patients;

select age, log10(age) as log\_age from patients\_records.patients;

select \*, year(date) as Year from patients\_records.patients;

select nullif(p\_name,doctor\_name) from patients\_records.patients;

select age, if(age>40,'yes','no') as above\_40 from patients\_records.patients;

SELECT doctor\_name,COUNT(\*) occurences FROM patients\_records.patients GROUP BY doctor\_name HAVING COUNT(\*)>1;