CREATION OF DATABASE

Create database HOSPITAL;

USE OF DATABASE

use database HOSPITAL;

CREATION OF TABLES

1. Hospital\_info

create table Hospital\_info (hospital\_id int,

name varchar(20),

address varchar(50)

);

select\*from Hospital\_info details;

1. PATIENT

create table patient( patient\_id int,

patient\_name varchar(20),

age int,

mobile\_no int);

1. DOCTOR

Create table Doctor(doctor\_id int,

doctor\_name varchar(20),

patient\_name varchar(20),

patient\_id(int),

patient\_age int,

contact\_no int);

1. PRESCRIPTION

Create table Prescription(patient\_id int,

medication\_details varchar(20),

dosage int);

INSERTING THE DATA

1. HOSPITAL
2. PATIENT

insert into patient values (1,'Ankur Singh',28,1234567890);

insert into patient values (2,'Aman soni',30,1234567891);

insert into patient values (3,'Palak Garg',26,1234567892);

insert into patient values (4,'Kirti Vijay',28,1234567893);

insert into patient values (5,'Anjali Sharma',32,1234567894);

insert into patient values (6,'Sakshi Agrawal',20,1234567895);

select\* from patient;

1. DOCTOR

insert into DOCTOR values(101,'ASHISH JAIN','Palak Garg',3,26,1234567892);

insert into DOCTOR values(102,'JATIN SHARMA','Aman soni',2,30,1234567891);

insert into DOCTOR values(103,'ASHISH KUMAR','Sakshi Agrawal',6,20,1234567895);

insert into DOCTOR values(104,'SANDEEP JAIN','Kirti Vijay',4,28,1234567893);

insert into DOCTOR values(105,'RAEES KHAN','Ankur Singh',1,28,1234567890);

insert into DOCTOR values(106,'ALOK SHARMA ','Anjali Sharma',5,32,1234567894);

insert into DOCTOR values(107,'MANISH SHARMA ','Aman soni',2,30,1234567891);

insert into DOCTOR values(108,'SUDHANSHU AGRAWAL','Palak Garg',3,26,1234567892);

select \* from DOCTOR;

1. PRESCRIPTION

insert into Prescription values (4,'fever and cold',2);

insert into Prescription values (3,'appendix',4);

insert into Prescription values (2,'asthma',1);

insert into Prescription values (1,'fever and cold',2);

insert into Prescription values (6,'stomach infection',2);

insert into Prescription values (5,'liver infection',2);

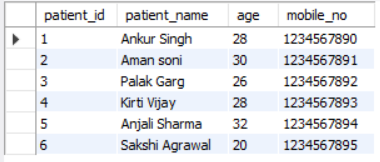
select \* from Prescription

RETRIEVAL OF DATA

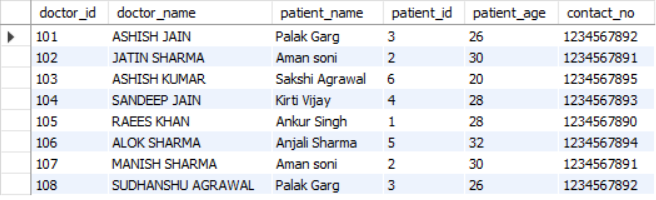
* HOSPITAL

Select \*from hospital

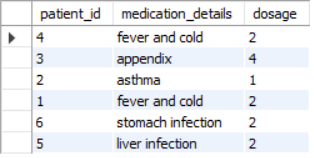
* PATIENT



* DOCTOR



* PRESCRIPTION



OPERATORS

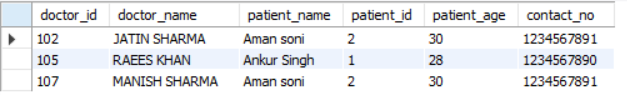
**AND**

SELECT \* FROM DOCTOR WHERE PATIENT\_AGE BETWEEN 20.0 AND 30.0;



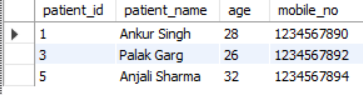
OR

SELECT \* FROM doctor WHERE patient\_id = 1 OR patient\_id = 2;



IN

SELECT \* FROM patient WHERE patient\_id IN (1, 3, 5);



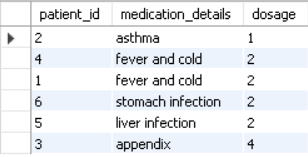
● BETWEEN

SELECT \* FROM DOCTOR WHERE PATIENT\_AGE BETWEEN 20.0 AND 30.0;



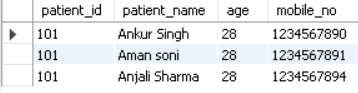
● ORDER BY

SELECT \* FROM Prescription ORDER BY dosage ASC;



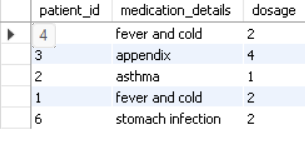
● LIKE

SELECT \* FROM customer WHERE name LIKE 'A%';



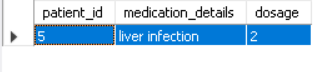
● LIMIT

SELECT \* FROM Prescription LIMIT 5;



● OFFSET

SELECT \* FROM product LIMIT 5 OFFSET 5;



* AGGREGATE FUNCTIONS

There are following aggregate functions: sum, min, max, count and avg.

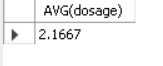
1. SUM

SELECT SUM(dosage) FROM Prescription;



1. AVG

SELECT AVG(total\_amount) AS average\_sales\_amount FROM sale;



1. MAX

SELECT MAX(total\_amount) AS max\_sale\_amount FROM sale;



4.MIN

SELECT MIN(dosage) FROM Prescription;

