create database project\_HMS;

use project\_HMS;

create table doctors

(

doctor\_id int primary key ,

doctor\_name varchar(50) unique,

doctor\_gender varchar(50),

Sdoctor\_contact bigint,

doctor\_qualification nvarchar(50),

doctor\_specialization nvarchar(50),

doctor\_salary bigint,

department\_id int

);

INSERT INTO doctors (doctor\_id, doctor\_name, doctor\_gender, Sdoctor\_contact, doctor\_qualification, doctor\_specialization, doctor\_salary, department\_id)

VALUES

(1, 'Dr. James Smith', 'Male', 9876543210, 'MBBS, MD', 'Cardiologist', 100000, 1),

(2, 'Dr. Jane Doe', 'Female', 8765432109, 'BDS', 'Dentist', 80000, 2),

(3, 'Dr. Michael Lee', 'Male', 7654321098, 'BAMS', 'Ayurvedic Physician', 75000, 3),

(4, 'Dr. Emily Jones', 'Female', 6543210987, 'BSc Nursing', 'Nurse Practitioner', 65000, 4);

create table patients

(

patient\_id int primary key ,

patient\_name varchar(50),

patient\_gender varchar(50),

patient\_age int,

patient\_contact bigint,

patient\_weight int

);

insert into patients (patient\_id,patient\_name,patient\_gender,patient\_age,patient\_contact,patient\_weight) value

(12,'Nabhiya','female',28 , 0311, 90),

(13,'Tabassum','female',20 , 0311, 56);

create table appointments

(

appointment\_id int primary key ,

patient\_id int ,

doctor\_id int ,

date\_time datetime,

admin\_id int,

disease nvarchar(50),

prescription nvarchar(50),

foreign key(patient\_id) references doctors(doctor\_id)

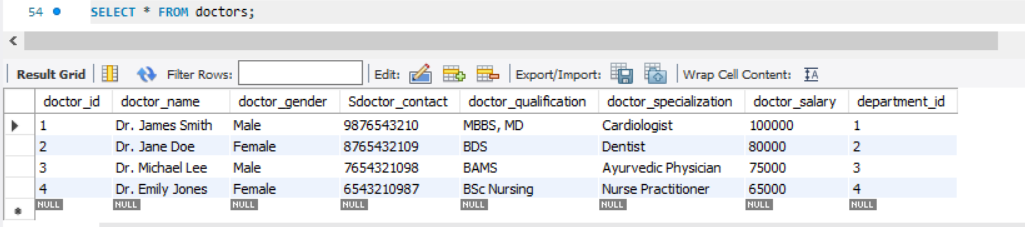
);

insert into appointments values

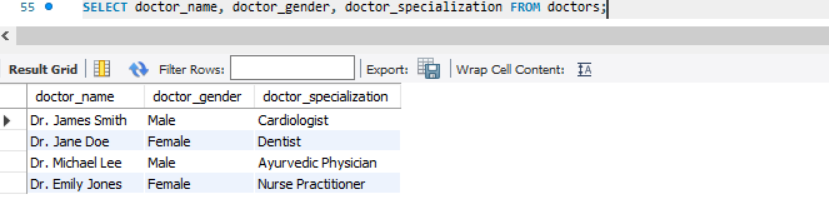
(1,2,1,NULL,1, 'heart attack', 'inderal'),

(2,3,2,NULL,2, 'tooth cavity', 'panadol');

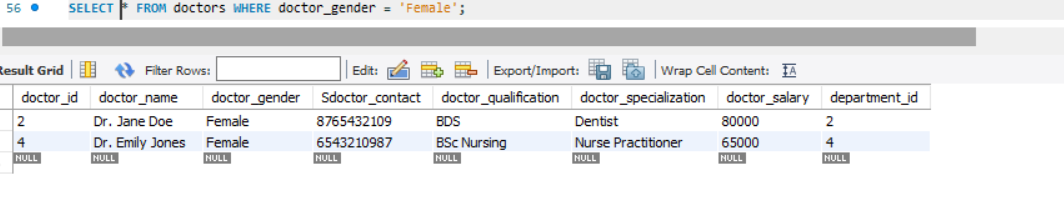
SELECT \* FROM doctors;



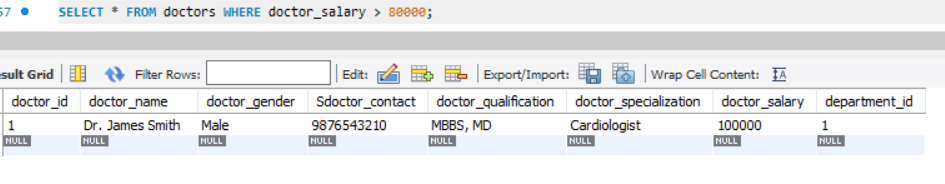
SELECT doctor\_name, doctor\_gender, doctor\_specialization FROM doctors;



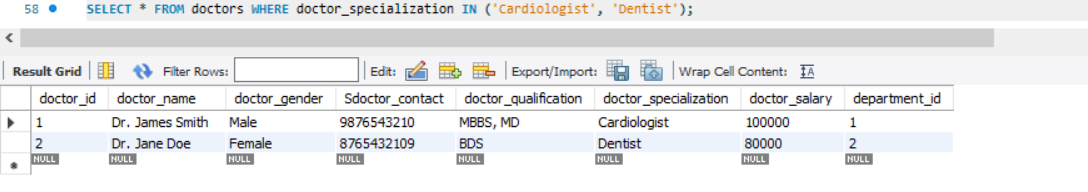
SELECT \* FROM doctors WHERE doctor\_gender = 'Female';



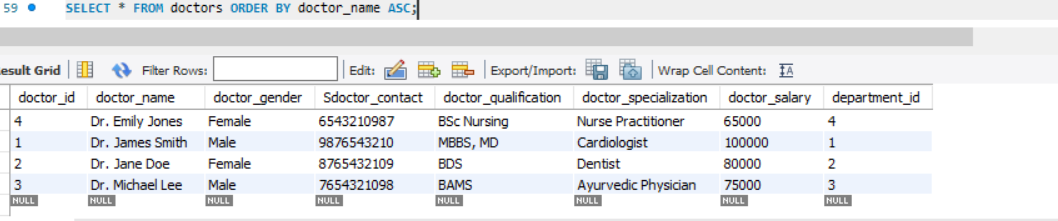
SELECT \* FROM doctors WHERE doctor\_salary > 80000;



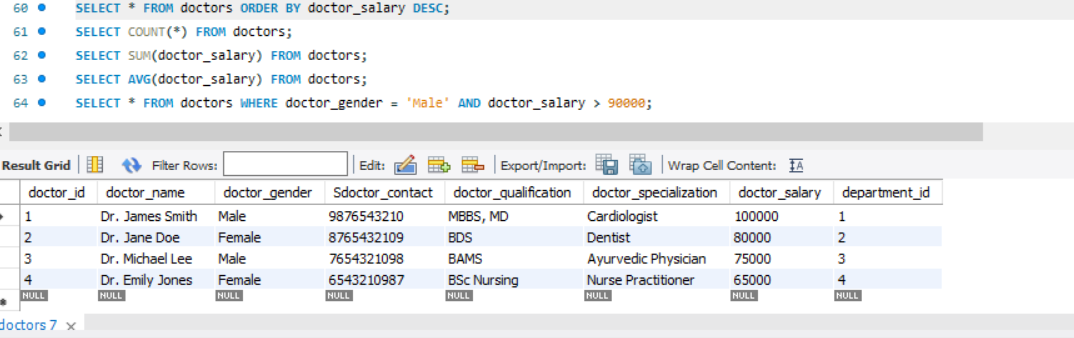
SELECT \* FROM doctors WHERE doctor\_specialization IN ('Cardiologist', 'Dentist');



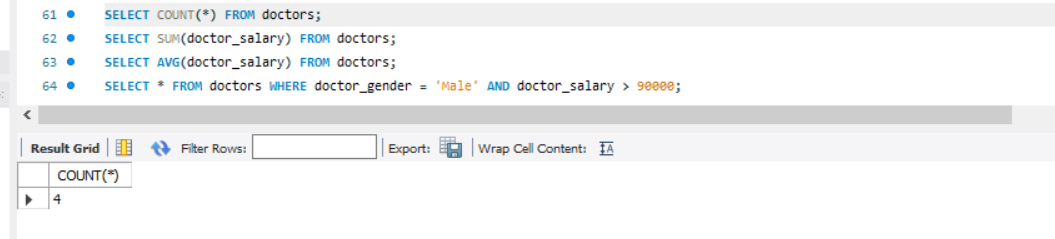
SELECT \* FROM doctors ORDER BY doctor\_name ASC;



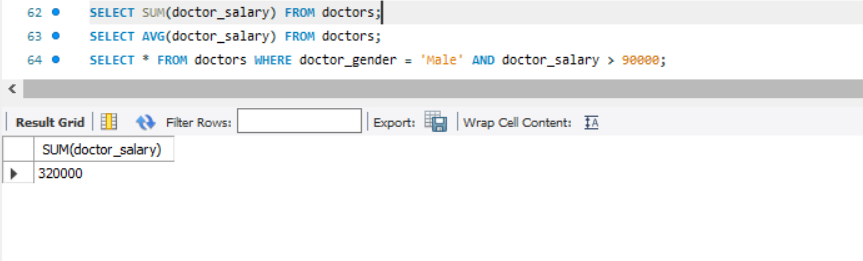
SELECT \* FROM doctors ORDER BY doctor\_salary DESC;



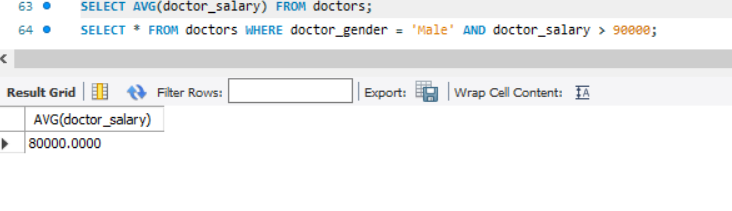
SELECT COUNT(\*) FROM doctors;



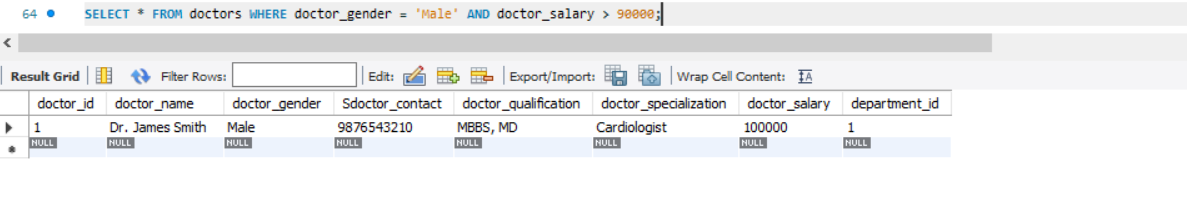
SELECT SUM(doctor\_salary) FROM doctors;



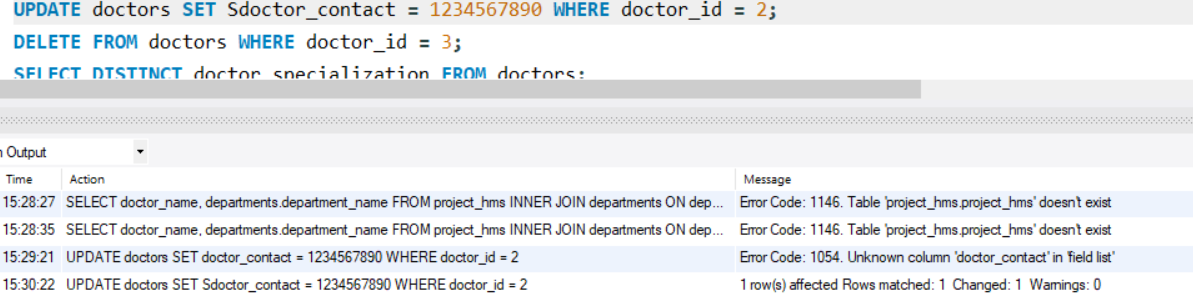
SELECT AVG(doctor\_salary) FROM doctors;



SELECT \* FROM doctors WHERE doctor\_gender = 'Male' AND doctor\_salary > 90000;

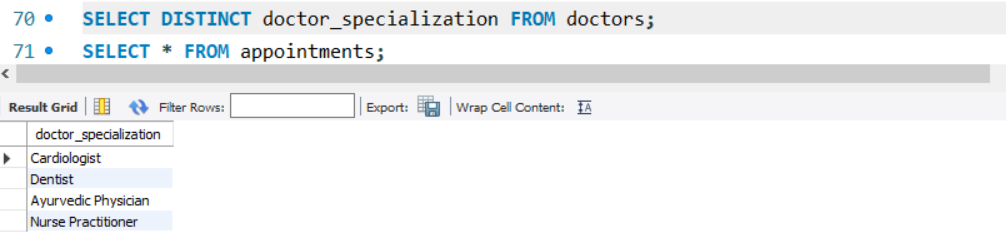


UPDATE doctors SET doctor\_contact = 1234567890 WHERE doctor\_id = 2;

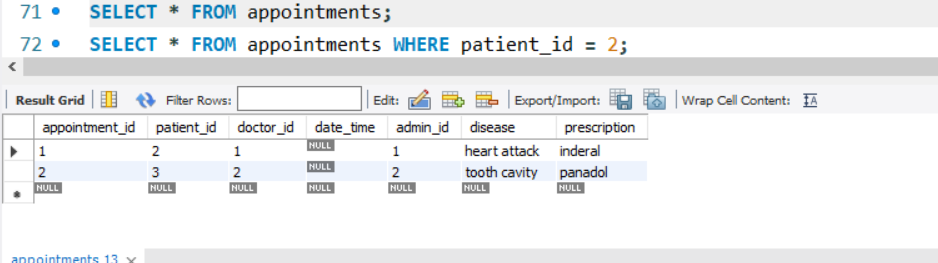


DELETE FROM doctors WHERE doctor\_id = 3;

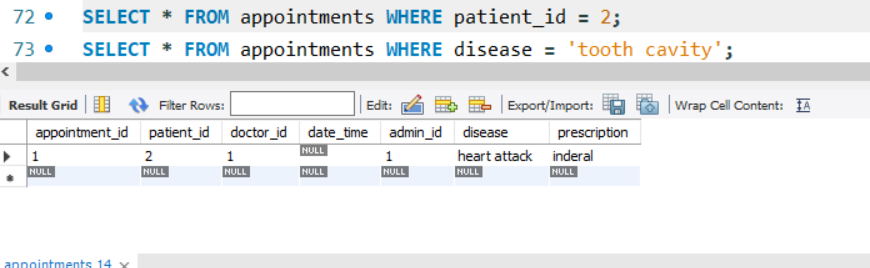
SELECT DISTINCT doctor\_specialization FROM doctors;



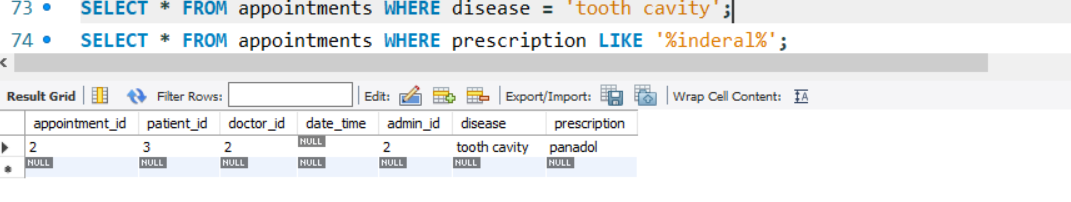
SELECT \* FROM appointments;



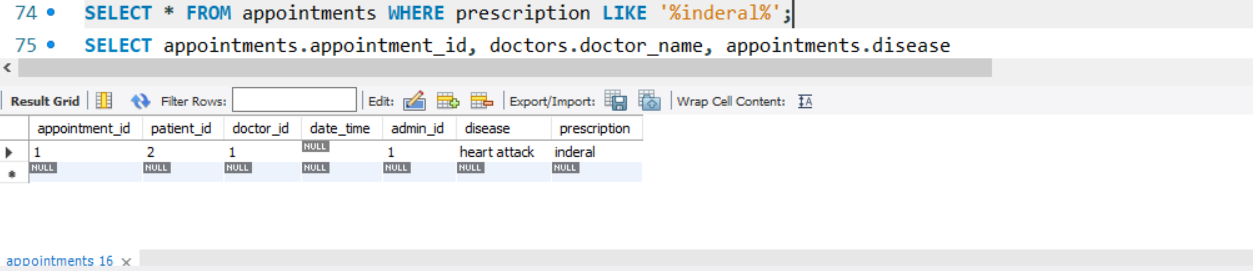
SELECT \* FROM appointments WHERE patient\_id = 2;



SELECT \* FROM appointments WHERE disease = 'tooth cavity';

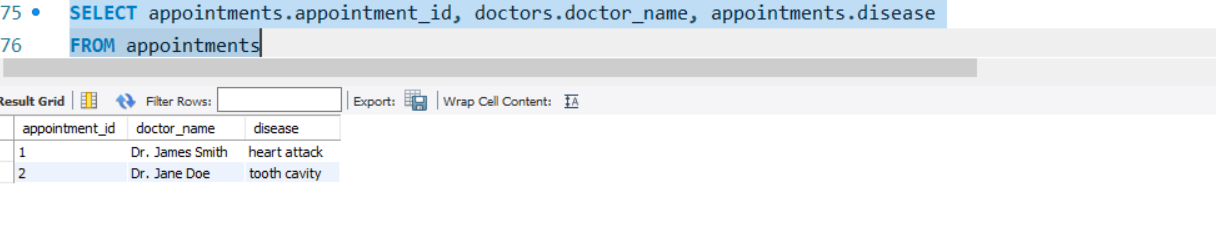


SELECT \* FROM appointments WHERE prescription LIKE '%inderal%';



SELECT appointments.appointment\_id, doctors.doctor\_name, appointments.disease

FROM appointments



INNER JOIN doctors ON appointments.doctor\_id = doctors.doctor\_id;

UPDATE appointments SET date\_time = '2023-12-31 10:00:00' WHERE appointment\_id = 1;

