Neoskillz Zeno Talent

Python Developer

Assignment-1

Using MySQL, create 2 tables of your choice

Perform "Where" with "AND", " OR" and "NOT" conditional operations

Also perform "Order By" and "LIKE"

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1. **Create table**

(i). patient:

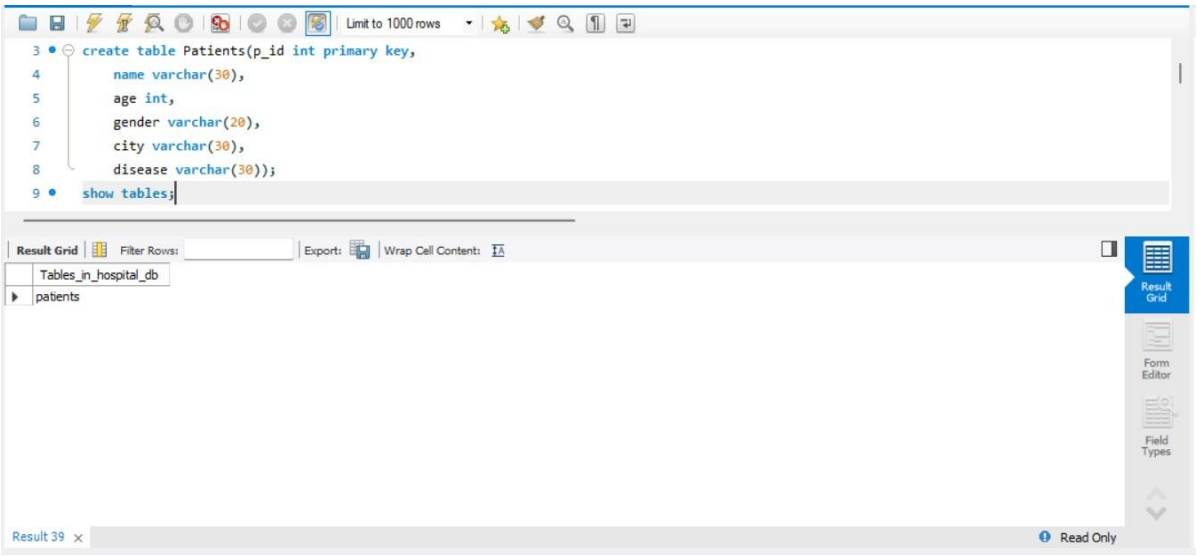
Code:

```
create table Patients(p_id int primary key,
    name varchar(30),
    age int,
    gender varchar(20),
    city varchar(30),
    disease varchar(30));
```

Output:

Tables
patients

Screenshot:



(ii). Appointments

Code:

```
create table Appointments(a_id int primary key,
    p_id int,
    Referred_doctor varchar(30),
```

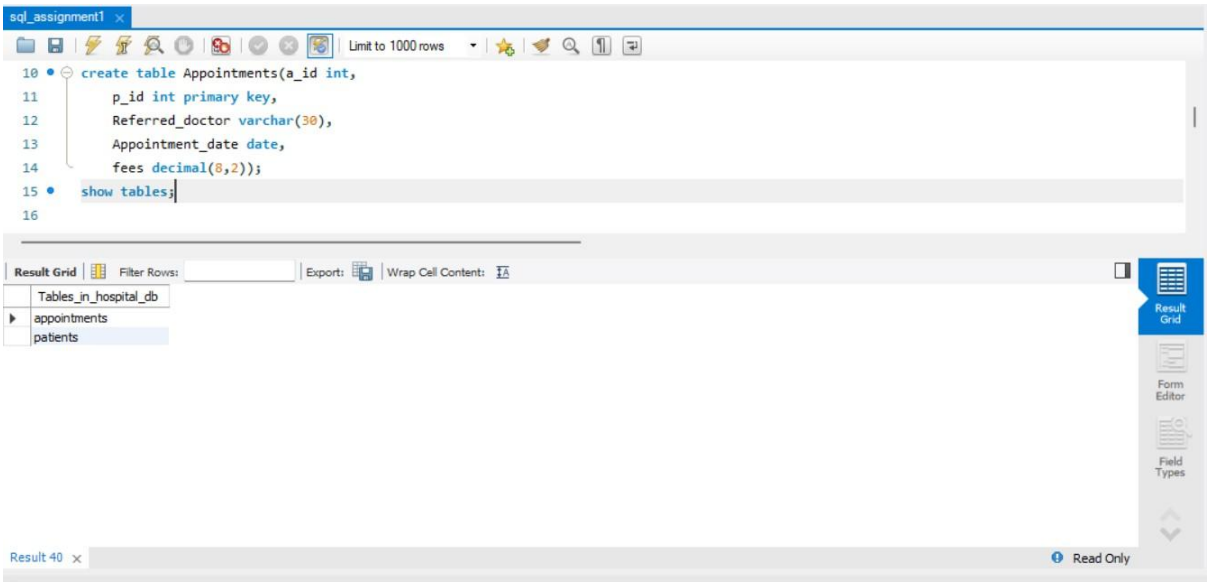
Appointment_date date,

fees decimal(8,2));

Output:

Tables
Appointments
Patients

Screenshot:



2. Insert into tables

(i). Patient

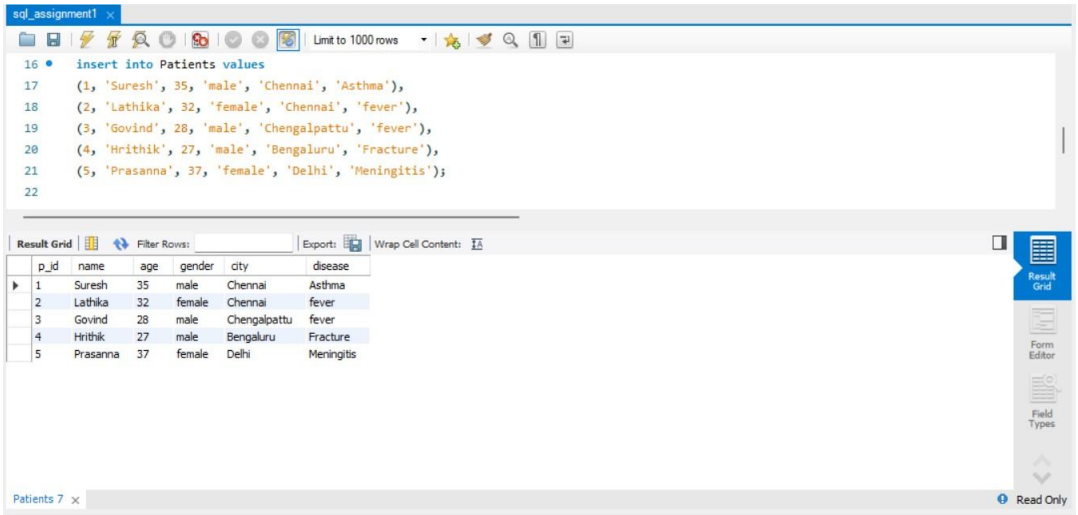
Code:

```
insert into Patients values
(1, 'Suresh', 35, 'male', 'Chennai', 'Asthma'),
(2, 'Lathika', 32, 'female', 'Chennai', 'fever'),
(3, 'Govind', 28, 'male', 'Chengalpattu', 'fever'),
(4, 'Hrithik', 27, 'male', 'Bengaluru', 'Fracture'),
(5, 'Prasanna', 37, 'female', 'Delhi', 'Meningitis');
```

Output:

1	Suresh	35	male	Chennai	Asthma
2	Lathika	32	female	Chennai	fever
3	Govind	28	male	Chengalpattu	fever
4	Hrithik	27	male	Bengaluru	Fracture
5	Prasanna	37	female	Delhi	Meningitis

Screenshot:



(ii)Appointments

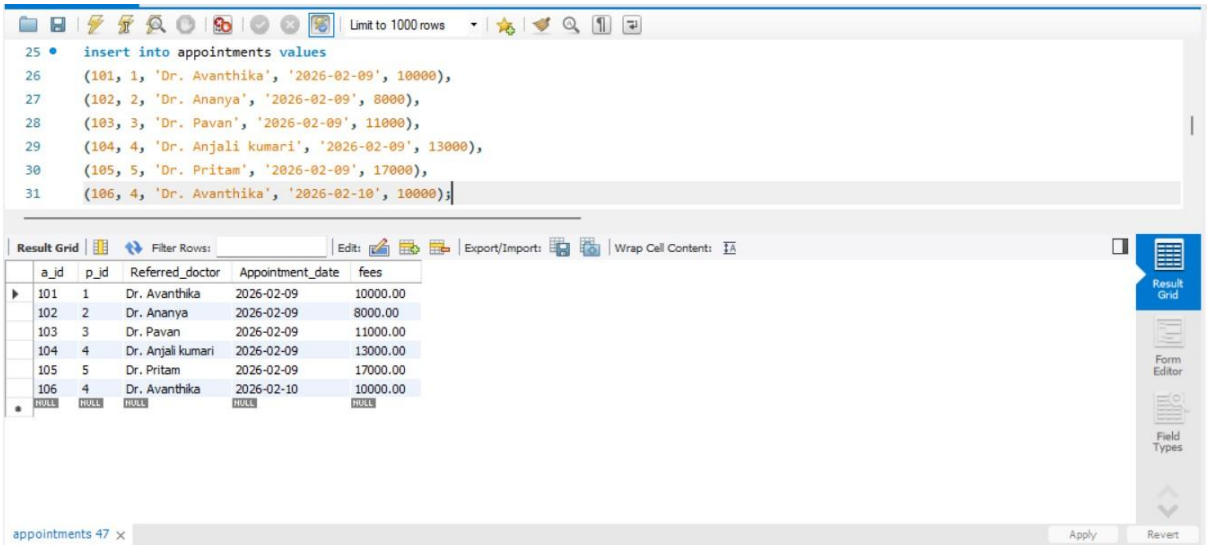
Code:

```
insert into appointments values
        (101, 1, 'Dr. Avanthika', '2026-02-09', 10000),
        (102, 2, 'Dr. Ananya', '2026-02-09', 8000),
        (103, 3, 'Dr. Pavan', '2026-02-09', 11000),
        (104, 4, 'Dr. Anjali kumari', '2026-02-09', 13000),
        (105, 5, 'Dr. Pritam', '2026-02-09', 17000),
        (106, 4, 'Dr. Avanthika', '2026-02-10', 10000);
```

Output:

101	1	Dr. Avanthika	2026-02-09	10000.00
102	2	Dr. Ananya	2026-02-09	8000.00
103	3	Dr. Pavan	2026-02-09	11000.00
104	4	Dr. Anjali kumari	2026-02-09	13000.00
105	5	Dr. Pritam	2026-02-09	17000.00
106	4	Dr. Avanthika	2026-02-10	10000.00

Screenshot:



3. Where, and, or , not:

(i), patients

(a) where:

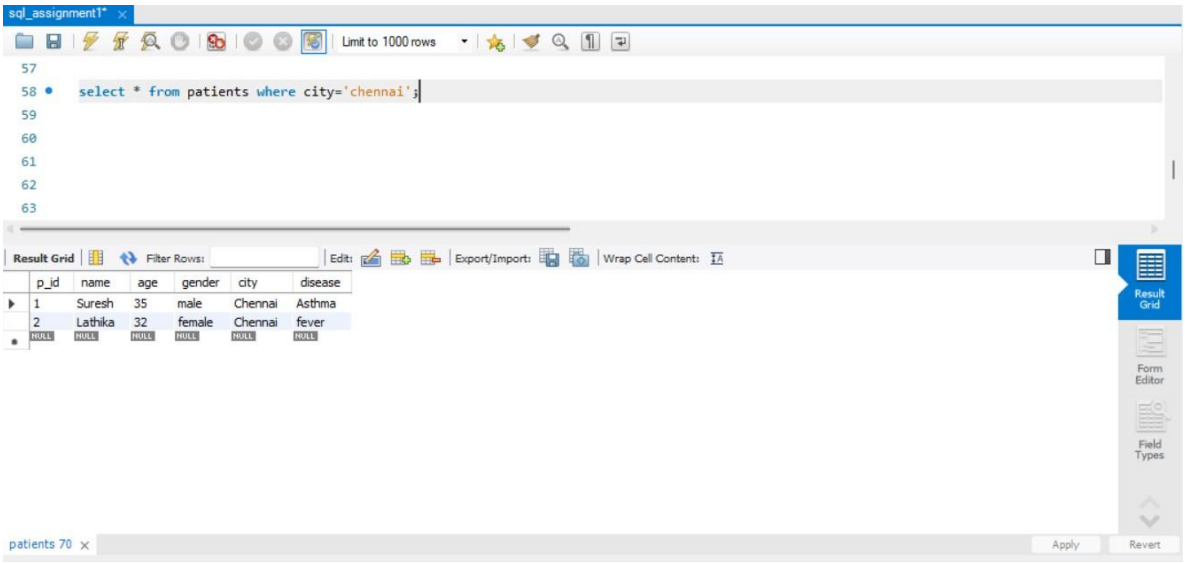
Code:

```
select * from patients where city='chennai';
```

Output:

1	Suresh	35	male	Chennai	Asthma
2	Lathika	32	female	Chennai	fever

Screenshot:



(b). and

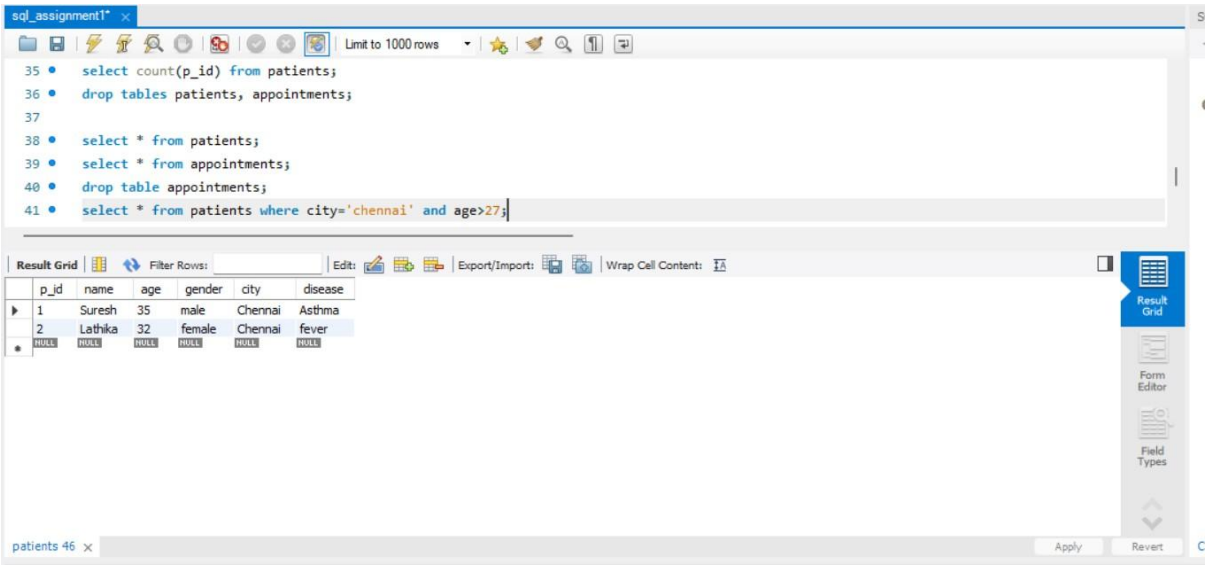
Code;

```
select * from patients where city='chennai' and age>27;
```

Output:

1	Suresh	35	male	Chennai	Asthma
2	Lathika	32	female	Chennai	fever

Screenshot:



(c). or

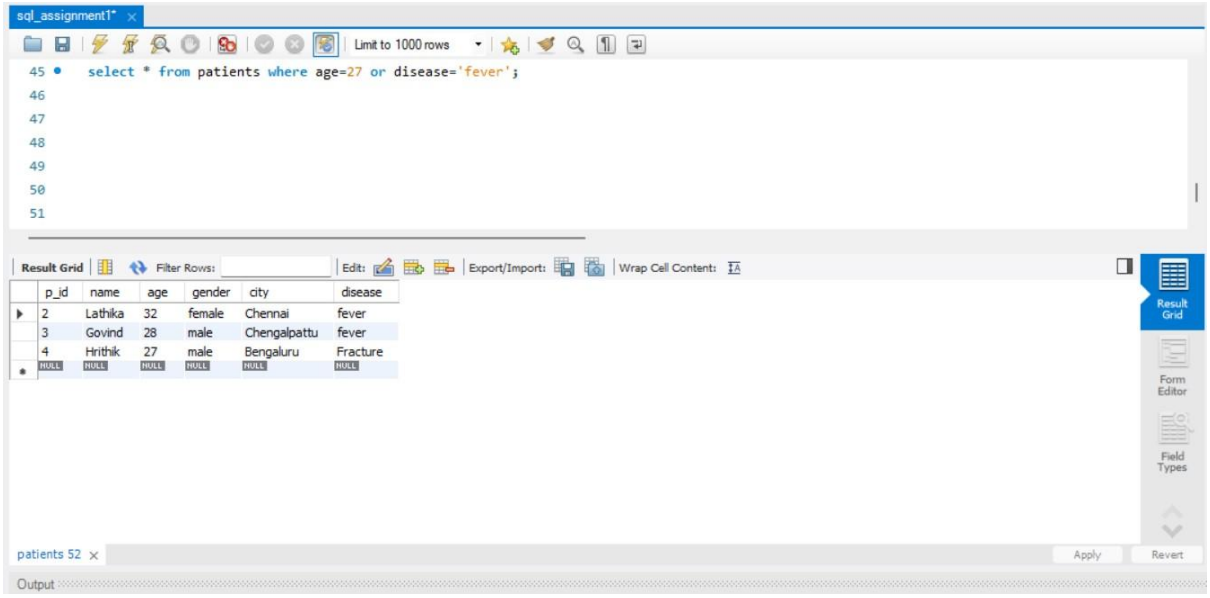
Code:

```
select * from patients where age=27 or disease='fever';
```

Output:

2	Lathika	32	female	Chennai	fever
3	Govind	28	male	Chengalpattu	fever
4	Hrithik	27	male	Bengaluru	Fracture

Screenshot:



(d). not

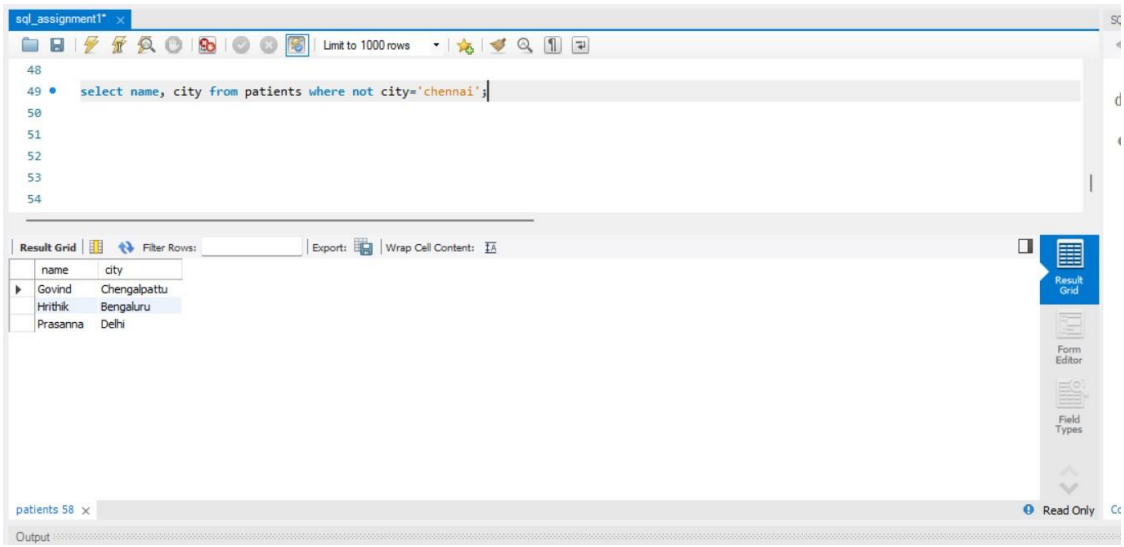
Code:

```
select name, city from patients where not city='chennai';
```

Output:

Govind	Chengalpattu
Hrithik	Bengaluru
Prasanna	Delhi

Screenshot:



(il). Appointments:

(a). where:

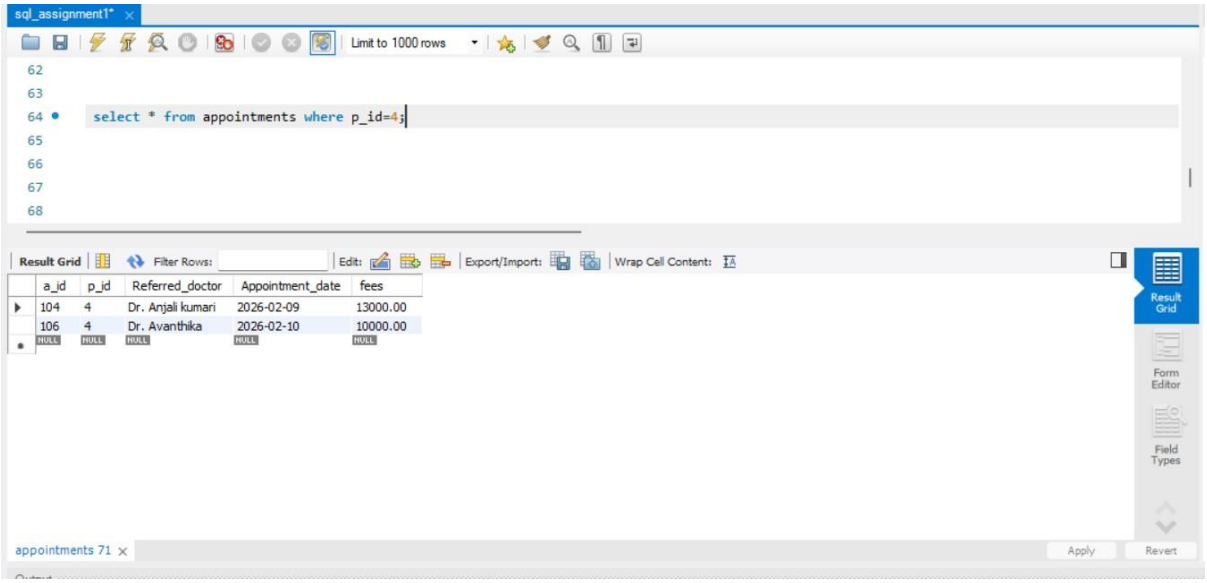
Code:

```
select * from appointments where p_id=4;
```

Output:

104	4	Dr. Anjali kumari	2026-02-09	13000.00
106	4	Dr. Avanthika	2026-02-10	10000.00

Screenshot:



(b). and

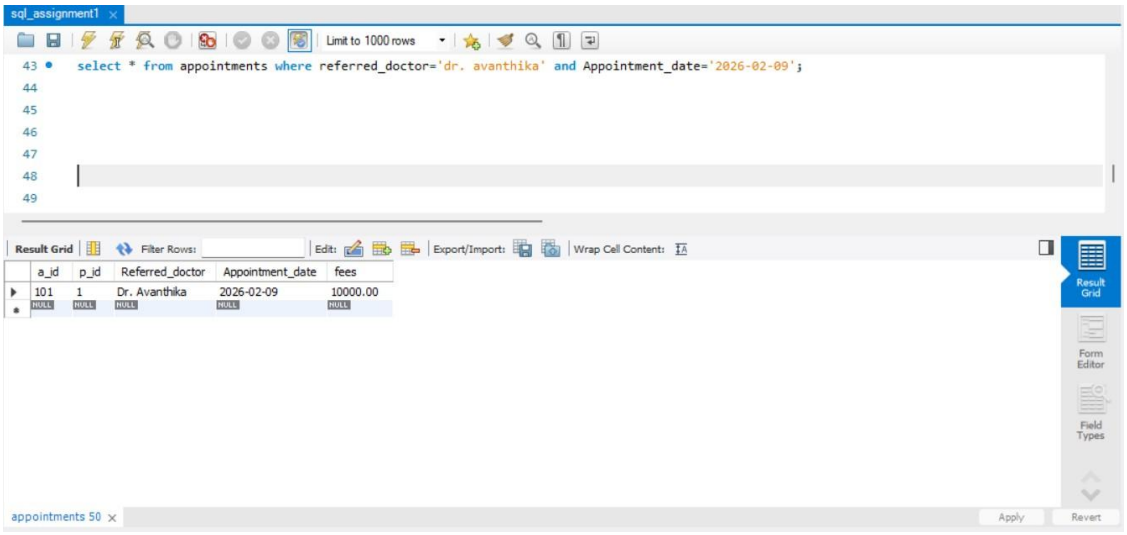
Code:

```
select * from appointments where referred_doctor='dr. avanthika' and
Appointment_date='2026-02-09';
```

Output:

101	1	Dr. Avanthika	2026-02-09	10000.00

Screenshot:



(c). or

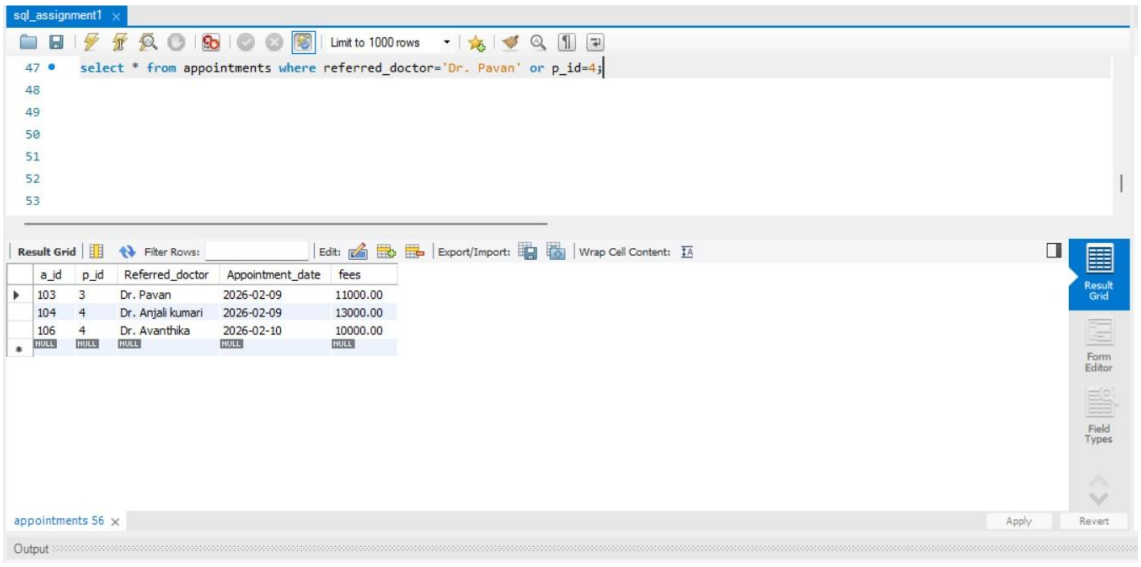
Code:

```
select * from appointments where referred_doctor='Dr. Pavan' or
p_id=4;
```

Output:

103	3	Dr. Pavan	2026-02-09	11000.00
104	4	Dr. Anjali kumari	2026-02-09	13000.00
106	4	Dr. Avanthika	2026-02-10	10000.00

Screenshot:



(d). not

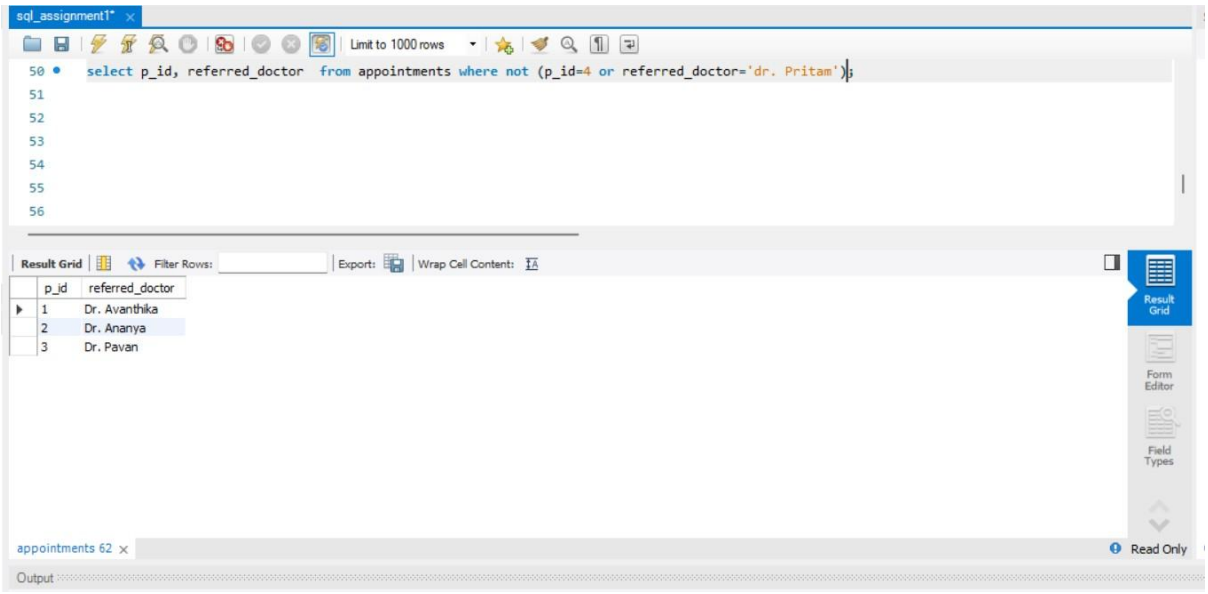
Code:

```
select p_id, referred_doctor  from appointments where not (p_id=4 or referred_doctor='dr. Pritam');
```

Output:

1	Dr. Avanthika
2	Dr. Ananya
3	Dr. Pavan

Screenshot:



4. Order by and like:

(i), Patient:

(a). Order by:

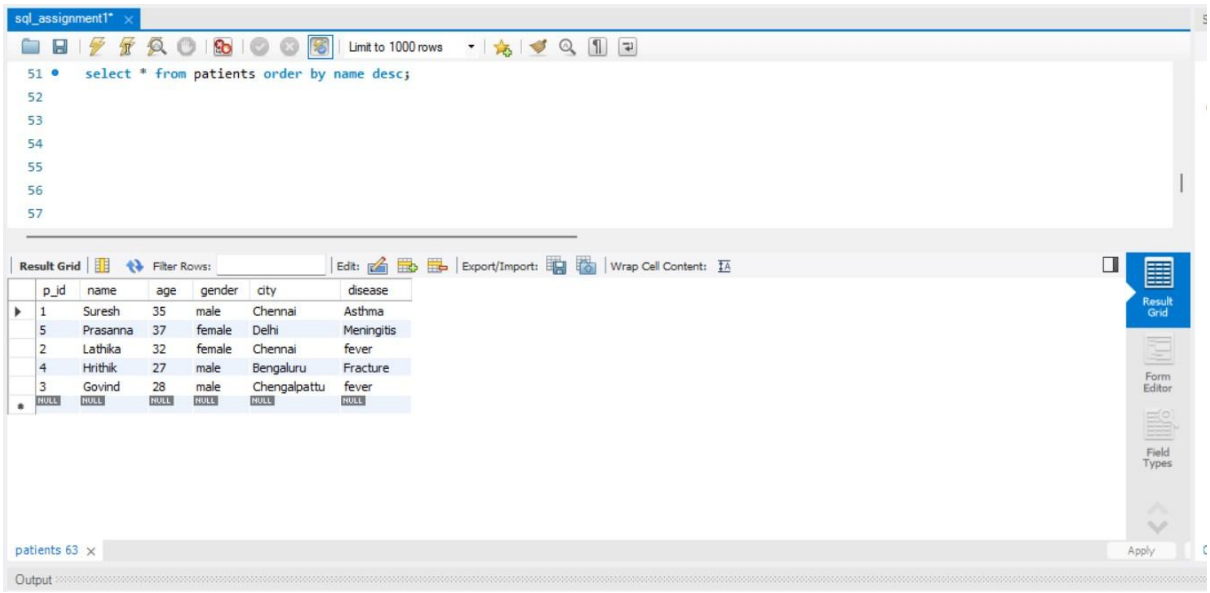
Code:

```
select * from patients order by name desc;
```

Output:

1	Suresh	35	male	Chennai	Asthma
5	Prasanna	37	female	Delhi	Meningitis
2	Lathika	32	female	Chennai	fever
4	Hrithik	27	male	Bengaluru	Fracture
3	Govind	28	male	Chengalpattu	fever

Screenshot:



(b). like

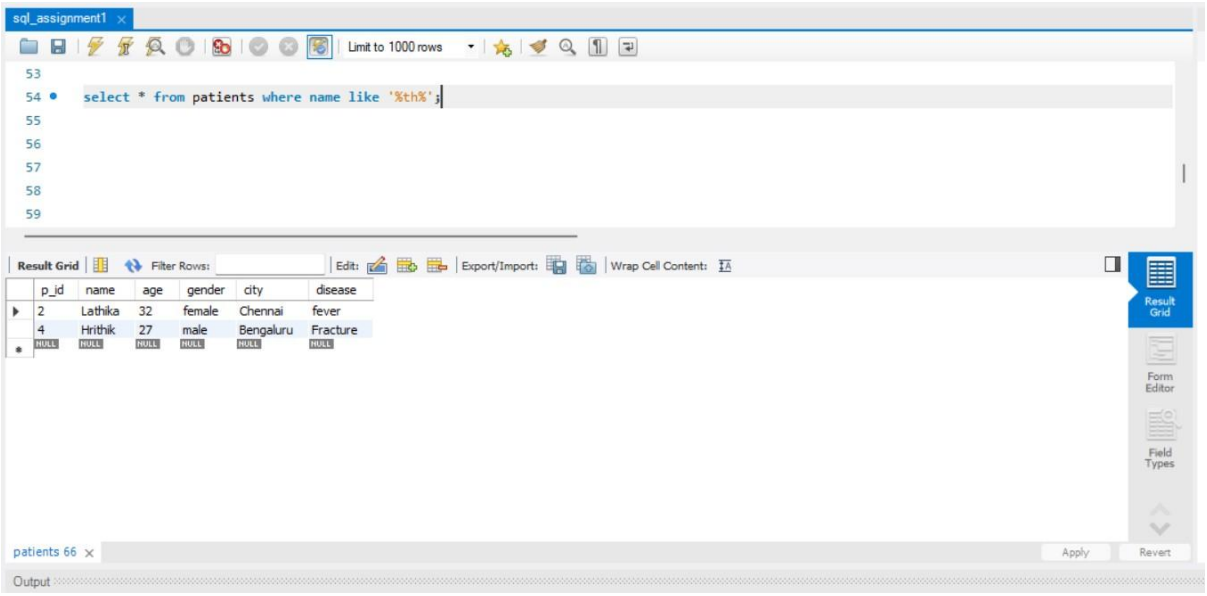
Code:

```
select * from patients where name like '%th%';
```

Output:

2	Lathika	32	female	Chennai	fever
4	Hrithik	27	male	Bengaluru	Fracture

Screenshot:



(ii) Appointments:

(a). Order by

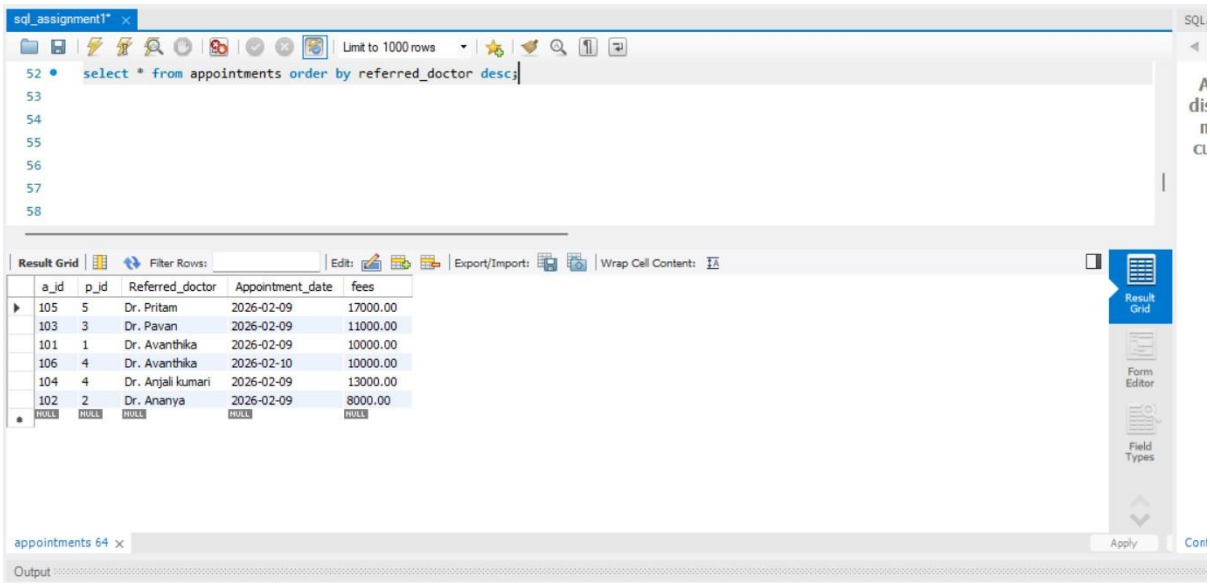
Code:

```
select * from appointments order by referred_doctor desc;
```

Output:

105	5	Dr. Pritam	2026-02-09	17000.00
103	3	Dr. Pavan	2026-02-09	11000.00
101	1	Dr. Avanthika	2026-02-09	10000.00
106	4	Dr. Avanthika	2026-02-10	10000.00
104	4	Dr. Anjali kumari	2026-02-09	13000.00
102	2	Dr. Ananya	2026-02-09	8000.00

Screenshot:



(b). like

Code:

```
select * from appointments where referred_doctor like '%a';
```

Output:

101	1	Dr. Avanthika	2026-02-09	10000.00
102	2	Dr. Ananya	2026-02-09	8000.00
106	4	Dr. Avanthika	2026-02-10	10000.00

Screenshot: