WINAIM – Technical Assessment
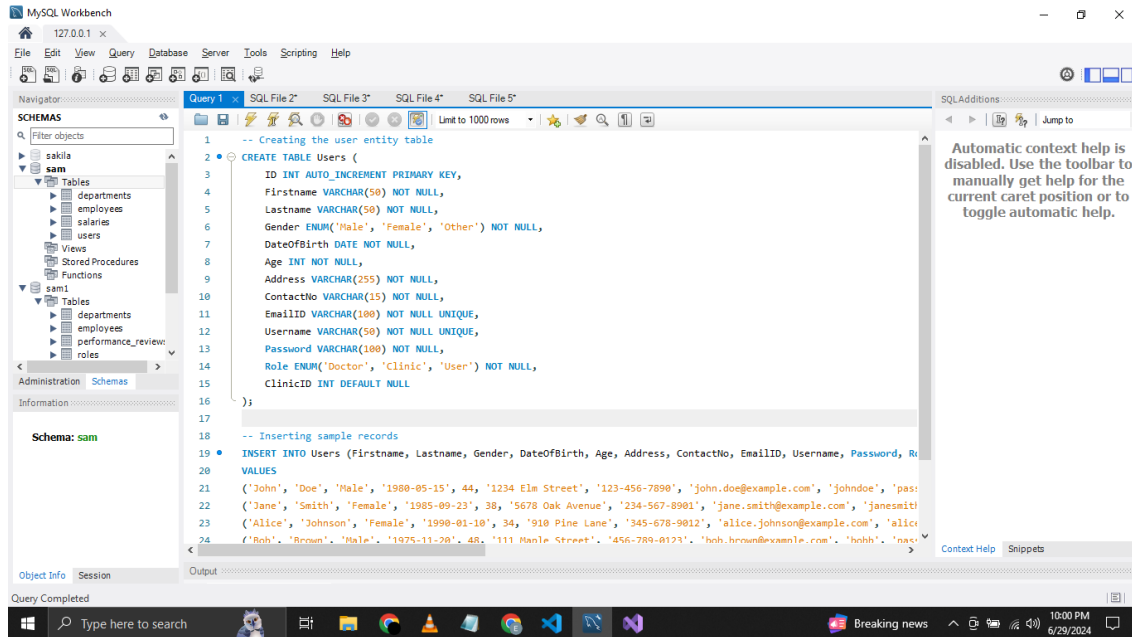
Clinic Appointment System

Screenshots for database:

Creating the user entity table
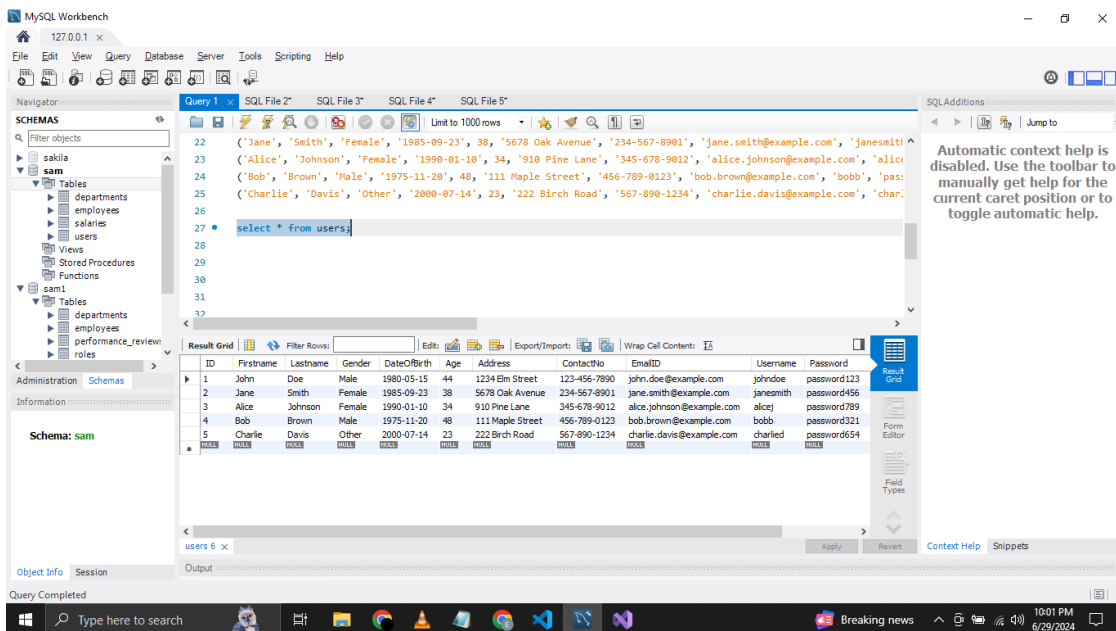

Table with sample data

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 2* SQL File 3* SQL File 4* SQL File 5*

```
22    ('Jane', 'Smith', 'Female', '1985-09-23', 38, '5678 Oak Avenue', '234-567-8901', 'jane.smith@example.com', 'janesmith
23    ('Alice', 'Johnson', 'Female', '1990-01-10', 34, '910 Pine Lane', '345-678-9012', 'alice.johnson@example.com', 'alice
24    ('Bob', 'Brown', 'Male', '1975-11-20', 48, '111 Maple Street', '456-789-0123', 'bob.brown@example.com', 'bobb', 'pass
25    ('Charlie', 'Davis', 'Other', '2000-07-14', 23, '222 Birch Road', '567-890-1234', 'charlie.davis@example.com', 'char
26
27  • select * from users;
28
29
30
31
32
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

Lastname	Gender	DateOfBirth	Age	Address	ContactNo	EmailID	Username	Password	Role	ClinicID
Doe	Male	1980-05-15	44	1234 Elm Street	123-456-7890	john.doe@example.com	johndoe	password123	Doctor	3
Smith	Female	1985-09-23	38	5678 Oak Avenue	234-567-8901	jane.smith@example.com	janesmith	password456	User	NULL
Johnson	Female	1990-01-10	34	910 Pine Lane	345-678-9012	alice.johnson@example.com	alicej	password789	Clinic	NULL
Brown	Male	1975-11-20	48	111 Maple Street	456-789-0123	bob.brown@example.com	bobb	password321	Doctor	3
Davis	Other	2000-07-14	23	222 Birch Road	567-890-1234	charlie.davis@example.com	charlied	password654	User	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

users 6

Table with sample data

File Edit View Query Database Server Tools Scripting Help

Query 1 SQL File 2* SQL File 3* SQL File 4* SQL File 5*
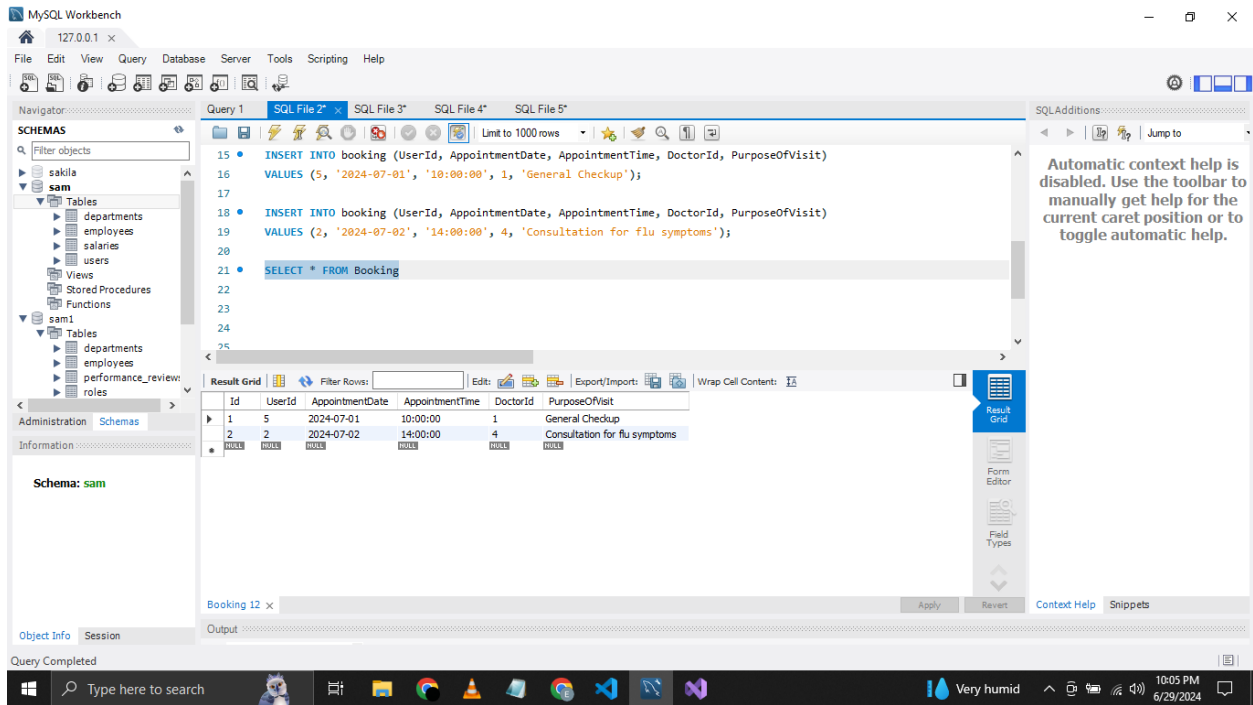
```
1     -- Creating the booking table
2   • CREATE TABLE booking (
3         Id INT AUTO_INCREMENT PRIMARY KEY,
4         UserId INT NOT NULL,
5         AppointmentDate DATE NOT NULL,
6         AppointmentTime TIME NOT NULL,
7         DoctorId INT NOT NULL,
8         PurposeOfVisit TEXT NOT NULL,
9         FOREIGN KEY (UserId) REFERENCES users(id),
10        FOREIGN KEY (DoctorId) REFERENCES users(id)
11    );
12
13    -- Assuming users with IDs 1 and 2 exist, and a doctor with ID 3 exists
14
15  • INSERT INTO booking (UserId, AppointmentDate, AppointmentTime, DoctorId, PurposeOfVisit)
16    VALUES (5, '2024-07-01', '10:00:00', 1, 'General Checkup');
17
18  • INSERT INTO booking (UserId, AppointmentDate, AppointmentTime, DoctorId, PurposeOfVisit)
19    VALUES (2, '2024-07-02', '14:00:00', 4, 'Consultation for flu symptoms');
20
21  • SELECT * FROM Booking
22
23
24
```
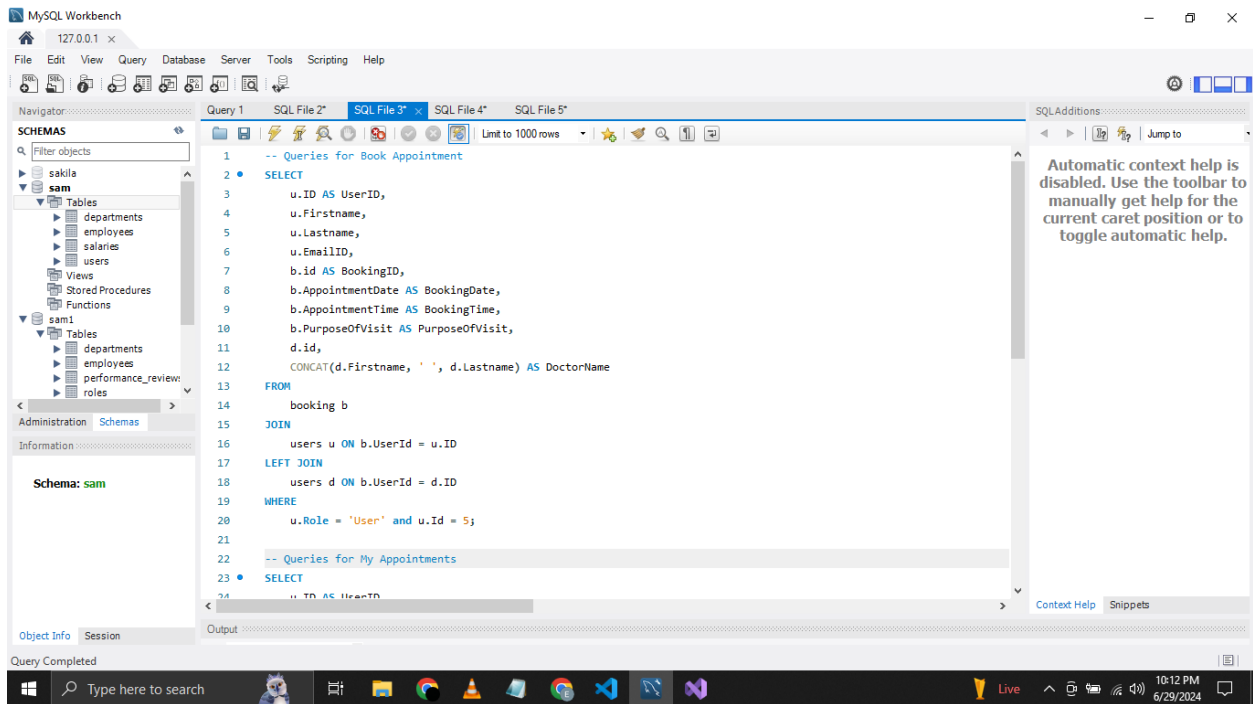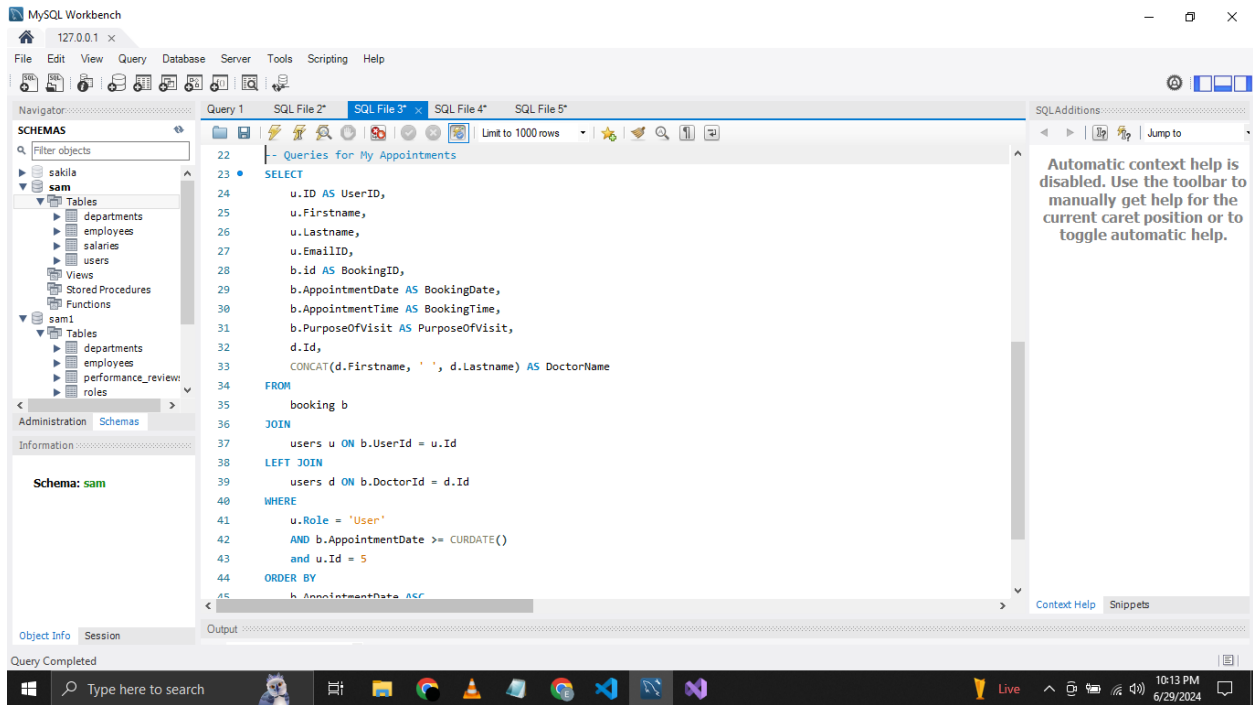
Creating the booking table and inserting sample data

Sample data

Queries for Booking Appointment

```sql
22    -- Queries for My Appointments
23  • SELECT
24        u.ID AS UserID,
25        u.Firstname,
26        u.Lastname,
27        u.EmailID,
28        b.id AS BookingID,
29        b.AppointmentDate AS BookingDate,
30        b.AppointmentTime AS BookingTime,
31        b.PurposeOfVisit AS PurposeOfVisit,
32        d.Id,
33        CONCAT(d.Firstname, ' ', d.Lastname) AS DoctorName
34    FROM
35        booking b
36    JOIN
37        users u ON b.UserId = u.Id
38    LEFT JOIN
39        users d ON b.DoctorId = d.Id
40    WHERE
41        u.Role = 'User'
42        AND b.AppointmentDate >= CURDATE()
43        and u.Id = 5
44    ORDER BY
45        b.AppointmentDate ASC
```

Queries to view My Appointments

```sql
1     -- Queries for Book Appointment
2  • SELECT
3        u.ID AS UserID,
4        u.Firstname,
5        u.Lastname,
6        u.EmailID,
7        b.id AS BookingID,
8        b.AppointmentDate AS BookingDate,
9        b.AppointmentTime AS BookingTime,
```

UserID	Firstname	Lastname	EmailID	BookingID	BookingDate	BookingTime	PurposeOfVisit	id	DoctorName
5	Charlie	Davis	charlie.davis@example.com	1	2024-07-01	10:00:00	General Checkup	5	Charlie Davis

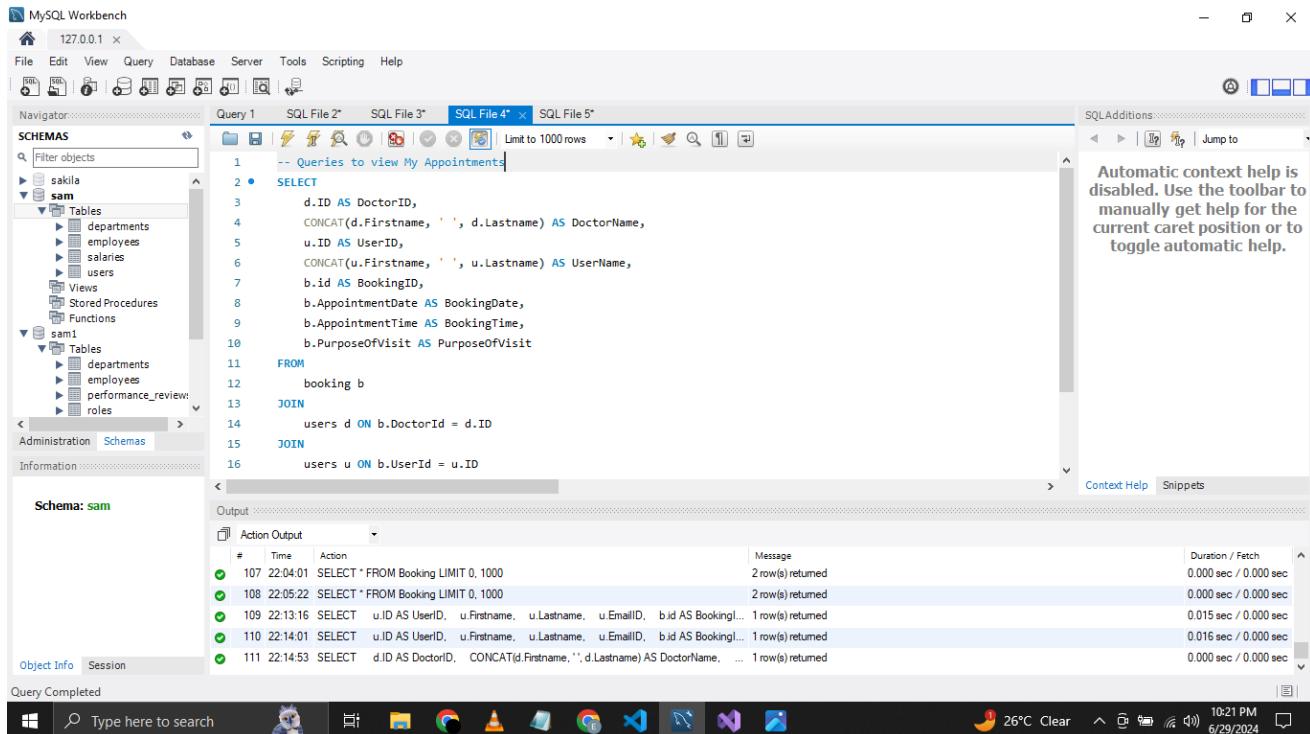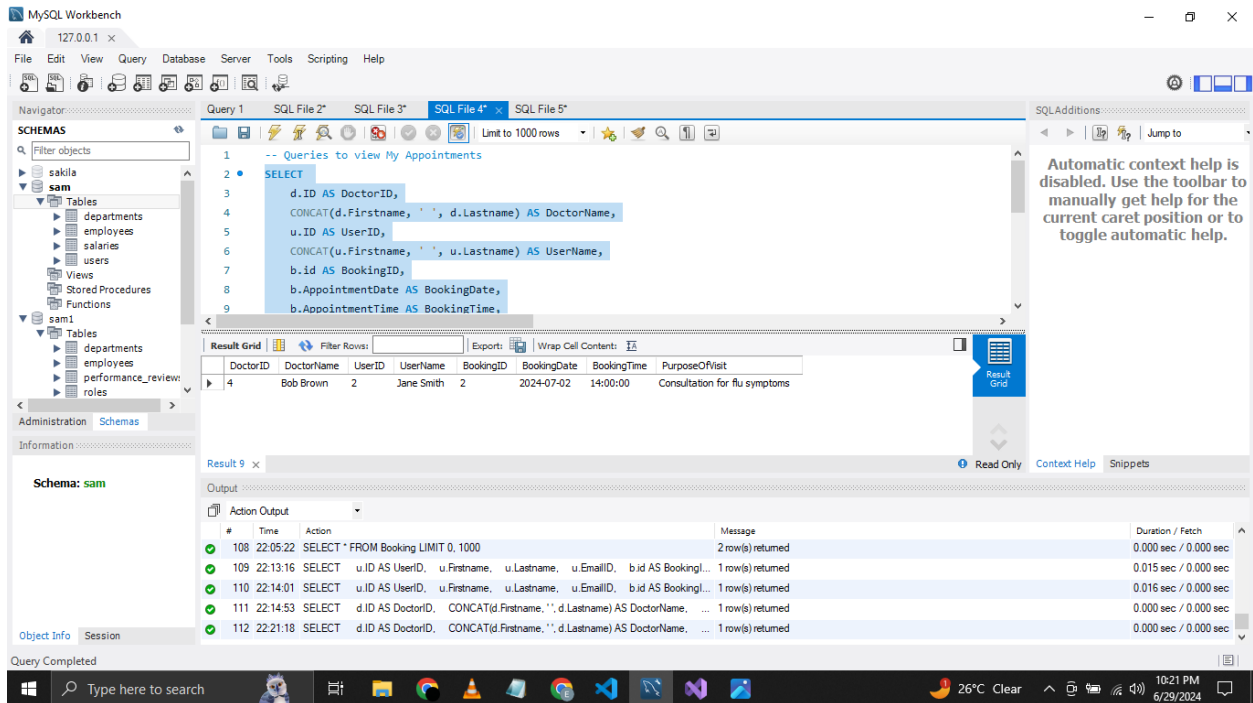| #	Time	Action	Message	Duration / Fetch
● 105	22:03:37	SELECT * FROM Booking LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
● 106	22:03:49	select * from booking LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
● 107	22:04:01	SELECT * FROM Booking LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
● 108	22:05:22	SELECT * FROM Booking LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
● 109	22:13:16	SELECT u.ID AS UserID, u.Firstname, u.Lastname, u.EmailID, b.id AS BookingI...	1 row(s) returned	0.015 sec / 0.000 sec

Output image

Output image

Queries to view My Appointments

Output image
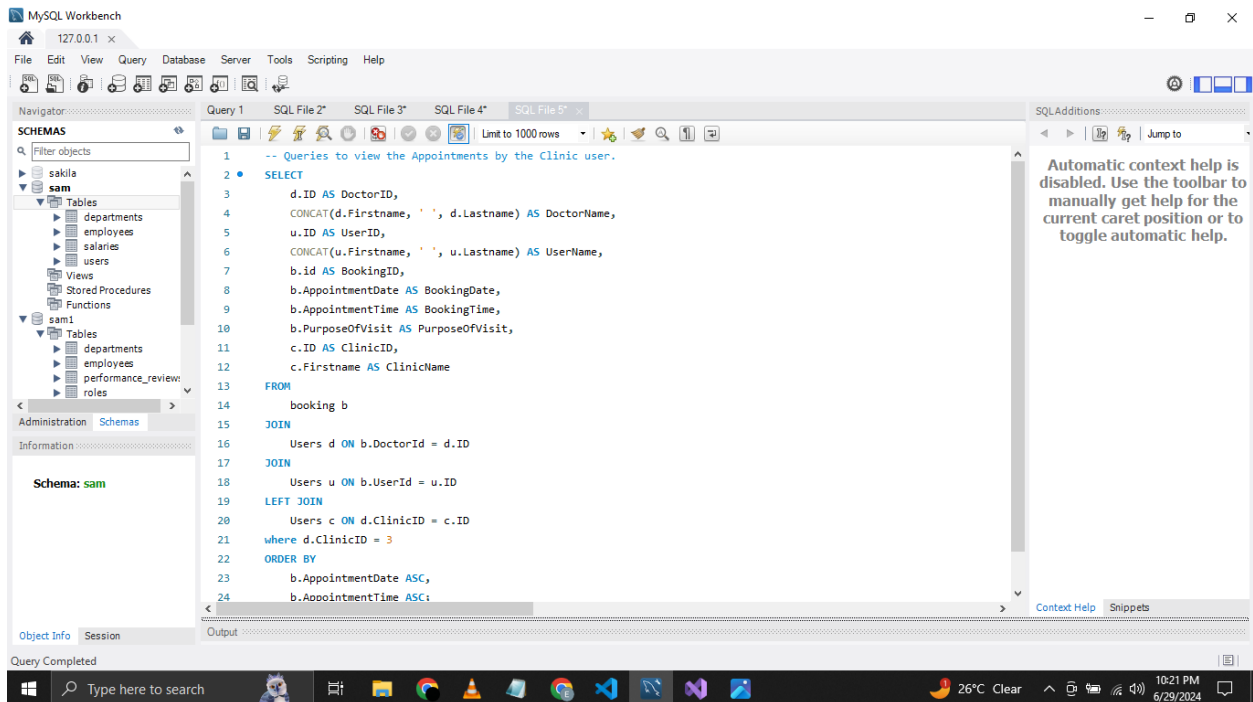
Queries to view My Appointments by the Clinic user

Output image