

SQLQuery1.sql - DESKTOP-BLAC2BR\HotelDB2 (DESKTOP-BLAC2BR\fatih (33)) - Microsoft SQL Server Management Studio (Administrator)

File Edit View Query Project Tools Window Help

Connect to: DESKTOP-BLAC2BR SQL Server 15.0.20080.1

Object Explorer: Databases, System Databases, Database Snapshots, AirlineDB, BankingSystem, collage, collageDB2, Company\_SD, companyDatabase, companyDB, LibraryManagementSystem, Security, Server Objects, Replication, PolyBase, Always On High Availability, Management, Integration Services Catalogs, SQL Server Agent (Agent XPs disabled), XEvent Profiler

SQLQuery1.sql - DE...BLAC2BR\fatih (33)\*

```

-----Select-----
SELECT * FROM Branch
SELECT * FROM Customer
SELECT * FROM Staff
SELECT * FROM Room
SELECT * FROM Booking
SELECT * FROM Room_Booking
  
```

Results: Messages

branch_id	name	location
1	Downtown Inn	123 Main St, City A
2	Lakeview Hotel	456 Lake Rd, City B
3	Mountain View Resort	789 Hills Blvd, City C

C_ID	name	phone	email
1	Alice Johnson	555-1234	alice@example.com
2	Bob Smith	555-5678	bob@example.com
3	Charlie Lee	555-9012	charlie@example.com

S_ID	branch_id	name	job_title	salary
1	1	Emma Brown	Manager	4500.00
2	2	David Wilson	Receptionist	3000.00
3	3	Sophia Davis	Housekeeper	2800.00

room_no	branch_id	type	nightly_rate
101	1	Single	100.00
102	1	Double	150.00
201	2	Suite	250.00

booking_id	S_ID	C_ID	check_in_date	check_out_date
1	1	1	2025-12-25	2025-12-28
2	2	2	2025-12-26	2025-12-27
3	3	3	2025-12-27	2025-12-30

booking_id	branch_id	room_no
1	1	101
2	1	102
3	2	201

Query executed successfully.

DESKTOP-BLAC2BR (15.0 RTM) DESKTOP-BLAC2BR\fatih... HotelDB2 00:00:00 18 rows

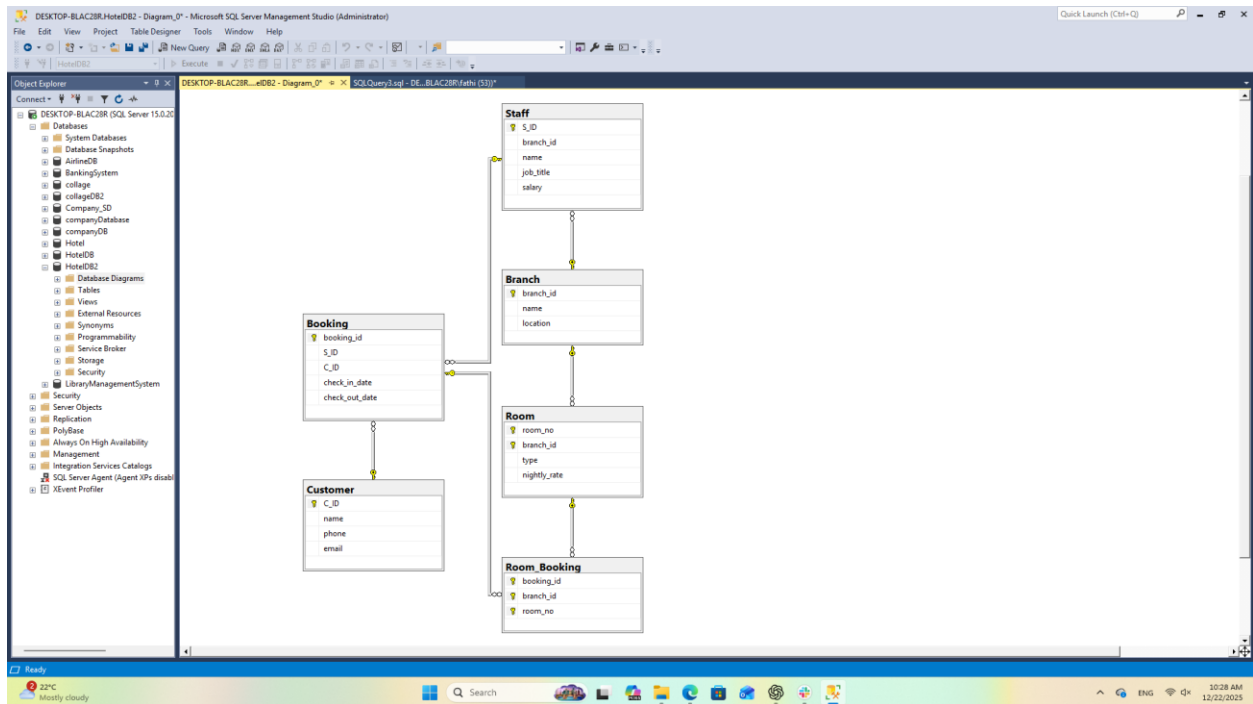
Ready

22°C Mostly cloudy

Search

Ln 106 Col 28 Ch 28 WGS

10:26 AM 12/22/2023



SQLQuery1.sql - DESKTOP-BLAC2BR.HotelDB2 (DESKTOP-BLAC2BR\fatih (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC2BR (SQL Server 15.0.2075.1) | Databases: System Databases, Database Snapshots, AirlineDB, BankingSystem, collageDB2, Company\_SD, companyDatabase, companyDB, Hotel, HotelDB, HotelDB2, Database Diagrams, Tables, Views, External Resources, Synonyms, Programmability, Service Broker, Storage, Security, LibraryManagementSystem, Security, Server Objects, Replication, PolyBase, Always On High Availability, Management, Integration Services Catalogs, SQL Server Agent (Agent XPs disabled), XEvent Profiler

Query Editor: SQLQuery1.sql - DE.BLAC2BR\fatih (33) | Execute | Stop | Refresh | Undo | Redo | Format | Show All | Show Diagram | Show Results | Show Messages | Show Columns | Show Statistics | Show Execution Plan | Show Query Plan | Show Query Plan (Advanced) | Show Query Plan (Simple) | Show Query Plan (Verbose) | Show Query Plan (Minimal) | Show Query Plan (Detailed) | Show Query Plan (Full) | Show Query Plan (Full (Verbose)) | Show Query Plan (Full (Minimal)) | Show Query Plan (Full (Detailed)) | Show Query Plan (Full (Full)) | Show Query Plan (Full (Full (Verbose)))

```
-- Insert data into Room_Booking
INSERT INTO Room_Booking (booking_id, branch_id, room_no) VALUES
(1, 1, 101),
(2, 1, 102),
(3, 2, 201);

-----Select-----
SELECT * FROM Branch;
SELECT * FROM Customer;
SELECT * FROM Staff;
SELECT * FROM Room;
SELECT * FROM Booking;
SELECT * FROM Room_Booking;

SELECT name, phone
FROM Customer;
```

Results: 100% | Messages | Results | Messages

name	phone
Ali Jahan	555-1234
Bob Smith	555-5678
Charlie Lee	555-9012

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) | DESKTOP-BLAC2BR\fatih ... | HotelDB2 | 00:00:00 | 3 rows

Ready | 22°C | Mostly cloudy | Search | 10:30 AM 12/22/2023

SQLQuery1.sql - DESKTOP-BLAC2BR.HotelDB2 (DESKTOP-BLAC2BR\fatih (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC2BR (SQL Server 15.0.2075.1) | Databases: System Databases, Database Snapshots, AirlineDB, BankingSystem, collageDB2, Company\_SD, companyDatabase, companyDB, Hotel, HotelDB, HotelDB2, Database Diagrams, Tables, Views, External Resources, Synonyms, Programmability, Service Broker, Storage, Security, LibraryManagementSystem, Security, Server Objects, Replication, PolyBase, Always On High Availability, Management, Integration Services Catalogs, SQL Server Agent (Agent XPs disabled), XEvent Profiler

Query Editor: SQLQuery1.sql - DE.BLAC2BR\fatih (33) | Execute | Stop | Refresh | Undo | Redo | Format | Show All | Show Diagram | Show Results | Show Messages | Show Columns | Show Statistics | Show Execution Plan | Show Query Plan | Show Query Plan (Advanced) | Show Query Plan (Simple) | Show Query Plan (Verbose) | Show Query Plan (Minimal) | Show Query Plan (Detailed) | Show Query Plan (Full) | Show Query Plan (Full (Verbose))

```
-- Insert data into Booking
INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date) VALUES
(1, 1, '2025-12-25', '2025-12-28'),
(2, 2, '2025-12-26', '2025-12-27'),
(3, 3, '2025-12-27', '2025-12-30');

-- Insert data into Room_Booking
INSERT INTO Room_Booking (booking_id, branch_id, room_no) VALUES
(1, 1, 101),
(2, 1, 102),
(3, 2, 201);

-----Select-----
SELECT * FROM Branch;
SELECT * FROM Customer;
SELECT * FROM Staff;
SELECT * FROM Room;
SELECT * FROM Booking;
SELECT * FROM Room_Booking;

SELECT name, phone
FROM Customer;

SELECT booking_id, check_in_date AS booking_date
FROM Booking;
```

Results: 100% | Messages | Results | Messages

booking_id	booking_date
1	2025-12-25
2	2025-12-26
3	2025-12-27

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) | DESKTOP-BLAC2BR\fatih ... | HotelDB2 | 00:00:00 | 3 rows

Ready | 22°C | Mostly cloudy | Search | 10:34 AM 12/22/2023

SQLQuery1.sql - DESKTOP-BLAC2BR.HotelDB2 (DESKTOP-BLAC2BR.fath) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC2BR (SQL Server 15.0.2085.2) > Databases > HotelDB2 > Tables

```

-- Insert data into Booking
INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date) VALUES
(1, 1, '2025-12-25', '2025-12-28'),
(2, 2, '2025-12-26', '2025-12-27'),
(3, 3, '2025-12-27', '2025-12-30');

-- Insert data into Room_Booking
INSERT INTO Room_Booking (booking_id, branch_id, room_no) VALUES
(1, 1, 101),
(2, 1, 102),
(3, 2, 201);

-----Select-----
SELECT * FROM Branch;
SELECT * FROM Customer;
SELECT * FROM Staff;
SELECT * FROM Room;
SELECT * FROM Booking;
SELECT * FROM Room_Booking;

SELECT name, phone
FROM Customer;

SELECT booking_id, check_in_date AS booking_date
FROM Booking;

SELECT room_no, nightly_rate AS NightlyRate
FROM Room;

```

Results: 3 rows

room_no	NightlyRate
101	100.00
102	150.00
201	250.00

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) | DESKTOP-BLAC2BR.fath | HotelDB2 | 00:00:00 | 3 rows

SQLQuery1.sql - DESKTOP-BLAC2BR.HotelDB2 (DESKTOP-BLAC2BR.fath) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC2BR (SQL Server 15.0.2085.2) > Databases > HotelDB2 > Tables

```

-- Insert data into Room_Booking
INSERT INTO Room_Booking (booking_id, branch_id, room_no) VALUES
(1, 1, 101),
(2, 1, 102),
(3, 2, 201);

-----Select-----
SELECT * FROM Branch;
SELECT * FROM Customer;
SELECT * FROM Staff;
SELECT * FROM Room;
SELECT * FROM Booking;
SELECT * FROM Room_Booking;

SELECT name, phone
FROM Customer;

SELECT booking_id, check_in_date AS booking_date
FROM Booking;

SELECT room_no, nightly_rate AS NightlyRate
FROM Room;

SELECT * FROM Room
WHERE nightly_rate > 1000;

```

Results: 0 rows

room_no	branch_id	type	nightly_rate
---------	-----------	------	--------------

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) | DESKTOP-BLAC2BR.fath | HotelDB2 | 00:00:00 | 0 rows

SQLQuery1.sql - DESKTOP-BLAC28R\HotelDB2 (DESKTOP-BLAC28R\fatih (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-BLAC28R\SQL Server 15.0.2075.1  
Databases: System Databases, Database Snapshots, AirlineDB, BankingSystem, collage, collageDB2, Company\_SD, companyDatabase, companyDB, Hotel, HotelDB, HotelDB2, Database Diagrams, Tables, Views, External Resources, Synonyms, Programmability, Service Broker, Storage, Security, LibraryManagementSystem, Security, Server Objects, Replication, PolyBase, Always On High Availability, Management, Integration Services Catalogs, SQL Server Agent (Agent XPs disabled), XEvent Profiler

Query: 

```
-----Select-----
SELECT * FROM Branch;
SELECT * FROM Customer;
SELECT * FROM Staff;
SELECT * FROM Room;
SELECT * FROM Booking;
SELECT * FROM Room_Booking;

SELECT name, phone
FROM Customer;

SELECT booking_id, check_in_date AS booking_date
FROM Booking;

SELECT room_no, nightly_rate AS NightlyRate
FROM Room;

SELECT * FROM Room
WHERE nightly_rate > 1000;

SELECT * FROM Staff
WHERE job_title = 'Receptionist';
```

Results: 

S_ID	branch_id	name	job_title	salary
1	2	David Wilson	Receptionist	3000.00

Query executed successfully. DESKTOP-BLAC28R (15.0 RTM) | DESKTOP-BLAC28R\fatih... | HotelDB2 | 00:00:00 | 1 rows

SQLQuery1.sql - DESKTOP-BLAC28R\HotelDB2 (DESKTOP-BLAC28R\fatih (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-BLAC28R\SQL Server 15.0.2075.1  
Databases: System Databases, Database Snapshots, AirlineDB, BankingSystem, collage, collageDB2, Company\_SD, companyDatabase, companyDB, Hotel, HotelDB, HotelDB2, Database Diagrams, Tables, Views, External Resources, Synonyms, Programmability, Service Broker, Storage, Security, LibraryManagementSystem, Security, Server Objects, Replication, PolyBase, Always On High Availability, Management, Integration Services Catalogs, SQL Server Agent (Agent XPs disabled), XEvent Profiler

Query: 

```
SELECT * FROM Branch;
SELECT * FROM Customer;
SELECT * FROM Staff;
SELECT * FROM Room;
SELECT * FROM Booking;
SELECT * FROM Room_Booking;

SELECT name, phone
FROM Customer;

SELECT booking_id, check_in_date AS booking_date
FROM Booking;

SELECT room_no, nightly_rate AS NightlyRate
FROM Room;

SELECT * FROM Room
WHERE nightly_rate > 1000;

SELECT * FROM Staff
WHERE job_title = 'Receptionist';

SELECT * FROM Booking
WHERE YEAR(check_in_date) = 2025;
```

Results: 

booking_id	S_ID	C_ID	check_in_date	check_out_date
1	1	1	2025-12-26	2025-12-28
2	2	2	2025-12-26	2025-12-27
3	3	3	2025-12-27	2025-12-30

Query executed successfully. DESKTOP-BLAC28R (15.0 RTM) | DESKTOP-BLAC28R\fatih... | HotelDB2 | 00:00:00 | 3 rows

SQLQuery1.sql - DESKTOP-BLAC28R.HotelDB2 (DESKTOP-BLAC28R\fatih (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC28R (SQL Server 15.0.2075.1) - HotelDB2

Query: SELECT \* FROM Staff;  
SELECT \* FROM Room;  
SELECT \* FROM Booking;  
SELECT \* FROM Room\_Booking;  
SELECT name, phone FROM Customer;  
SELECT booking\_id, check\_in\_date AS booking\_date FROM Booking;  
SELECT room\_no, nightly\_rate AS NightlyRate FROM Room;  
SELECT \* FROM Room WHERE nightly\_rate > 1000;  
SELECT \* FROM Staff WHERE job\_title = 'Receptionist';  
SELECT \* FROM Booking WHERE YEAR(check\_in\_date) = 2025;  
SELECT MAX(nightly\_rate) AS MaxPrice,  
MIN(nightly\_rate) AS MinPrice,  
AVG(nightly\_rate) AS AvgPrice  
FROM Room;

Results: Messages

	MaxPrice	MinPrice	AvgPrice
1	200.00	100.00	106.666666

Query executed successfully. DESKTOP-BLAC28R (15.0 RTM) | DESKTOP-BLAC28R\fatih ... | HotelDB2 | 00:00:00 | 1 rows

SQLQuery1.sql - DESKTOP-BLAC28R.HotelDB2 (DESKTOP-BLAC28R\fatih (33)) - Microsoft SQL Server Management Studio (Administrator)

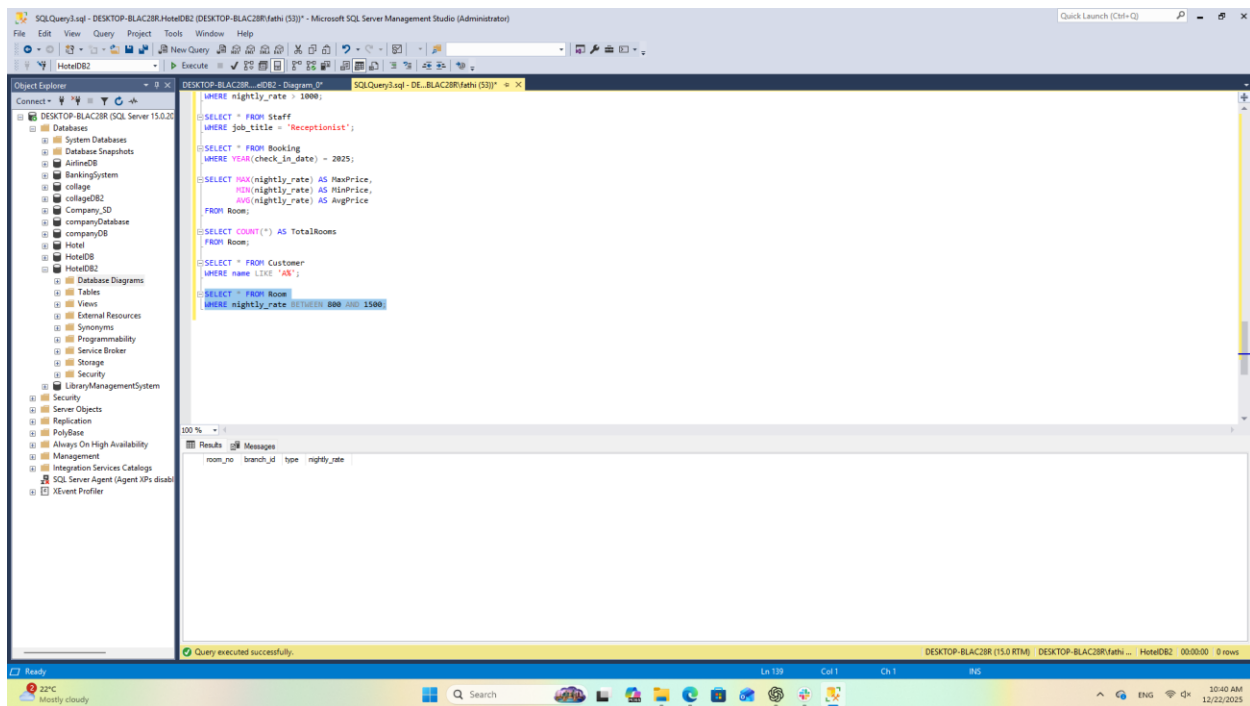
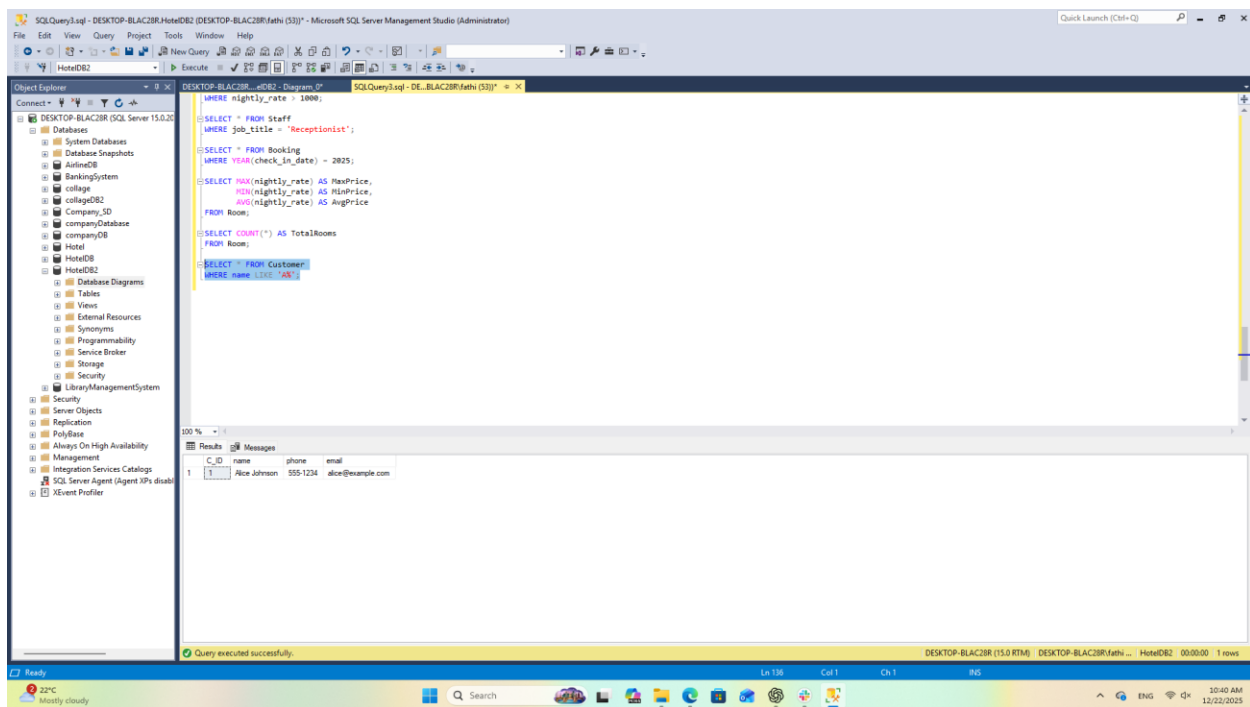
Object Explorer: Connect to DESKTOP-BLAC28R (SQL Server 15.0.2075.1) - HotelDB2

Query: FROM Customer;  
SELECT booking\_id, check\_in\_date AS booking\_date FROM Booking;  
SELECT room\_no, nightly\_rate AS NightlyRate FROM Room;  
SELECT \* FROM Room WHERE nightly\_rate > 1000;  
SELECT \* FROM Staff WHERE job\_title = 'Receptionist';  
SELECT \* FROM Booking WHERE YEAR(check\_in\_date) = 2025;  
SELECT MAX(nightly\_rate) AS MaxPrice,  
MIN(nightly\_rate) AS MinPrice,  
AVG(nightly\_rate) AS AvgPrice  
FROM Room;  
SELECT COUNT(\*) AS TotalRooms  
FROM Room;

Results: Messages

	TotalRooms
1	3

Query executed successfully. DESKTOP-BLAC28R (15.0 RTM) | DESKTOP-BLAC28R\fatih ... | HotelDB2 | 00:00:00 | 1 rows



When I add my values:

SQLQuery1.sql - DESKTOP-BLAC28R.HotelDB2 (DESKTOP-BLAC28R\fatih) (330)\* - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC28R (SQL Server 15.0.2080.1) > Databases > HotelDB > HotelDB2 > Tables

SQLQuery1.sql - DESKTOP-BLAC28R\fatih (330)\* > X

```
WHERE nightly_rate > 1000;

--SELECT * FROM Staff
--WHERE job_title = 'Receptionist';

--SELECT * FROM Booking
--WHERE YEAR(check_in_date) = 2025;

--SELECT MAX(nightly_rate) AS MaxPrice,
--MIN(nightly_rate) AS MinPrice,
--AVG(nightly_rate) AS AvgPrice
--FROM Room;

--SELECT COUNT(*) AS TotalRooms
--FROM Room;

--SELECT * FROM Customer
--WHERE name LIKE 'AS';

--SELECT * FROM Room
--WHERE nightly_rate BETWEEN 100 AND 150;
```

Results: Messages

room_no	branch_id	type	nightly_rate
101	1	Single	120.00
102	1	Double	150.00

Query executed successfully.

DESKTOP-BLAC28R (15.0 RTM) | DESKTOP-BLAC28R\fatih ... | HotelDB2 | 00:00:00 | 2 rows

SQLQuery1.sql - DESKTOP-BLAC28R.HotelDB2 (DESKTOP-BLAC28R\fatih) (330)\* - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC28R (SQL Server 15.0.2080.1) > Databases > HotelDB > HotelDB2 > Tables

SQLQuery1.sql - DESKTOP-BLAC28R\fatih (330)\* > X

```
WHERE job_title = 'Receptionist';

--SELECT * FROM Booking
--WHERE YEAR(check_in_date) = 2025;

--SELECT MAX(nightly_rate) AS MaxPrice,
--MIN(nightly_rate) AS MinPrice,
--AVG(nightly_rate) AS AvgPrice
--FROM Room;

--SELECT COUNT(*) AS TotalRooms
--FROM Room;

--SELECT * FROM Customer
--WHERE name LIKE 'AS';

--SELECT * FROM Room
--WHERE nightly_rate BETWEEN 100 AND 150;

--INSERT INTO Customer (C_ID, name, phone, email)
--VALUES (9011, 'Fatma', '123-4567', 'Fatma@gmail.com');
```

Results: Messages

C_ID	name	phone	email
1	Alice Johnson	555-1234	alice@example.com
2	Bob Smith	555-5678	bob@example.com
3	Charlie Lee	555-8912	charlie@example.com
4	Fatma	123-4567	Fatma@gmail.com

Query executed successfully.

DESKTOP-BLAC28R (15.0 RTM) | DESKTOP-BLAC28R\fatih ... | HotelDB2 | 00:00:00 | 4 rows

SQLQuery1.sql - DESKTOP-BLAC2BR.HotelDB2 (DESKTOP-BLAC2BR/fathi) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-BLAC2BR SQL Server 15.0.20080.1

- System Databases
  - master
  - model
  - msdb
  - tempdb
- Databases
  - Adventureworks2014
  - AdventureworksLT
  - AdventureworksLT2014
  - AdventureworksLT2014tempdb
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  - AdventureworksLT2014tempdb3
  - AdventureworksLT2014tempdb4
  - AdventureworksLT2014tempdb5
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  - AdventureworksLT2014tempdb100

Query: SQLQuery1.sql - DESKTOP-BLAC2BR/fathi

```

WHERE YEAR(check_in_date) = 2025;

SELECT MAX(nightly_rate) AS MaxPrice,
      MIN(nightly_rate) AS MinPrice,
      AVG(nightly_rate) AS AvgPrice
FROM Room;

SELECT COUNT(*) AS TotalRooms
FROM Room;

SELECT * FROM Customer
WHERE name LIKE 'AS';

SELECT * FROM Room
WHERE nightly_rate BETWEEN 100 AND 150;

INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9011, 'Fathiya', '123-4567', 'fathiya@gmail.com');

INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date)
VALUES (1, 9011, '2025-12-24', '2025-12-26');

INSERT INTO Room_Booking (booking_id, branch_id, room_no)
VALUES (SCOPE_IDENTITY(), 1, 205);
  
```

Results:

booking_id	S_ID	C_ID	check_in_date	check_out_date
1	1	1	2025-12-25	2025-12-26
2	2	2	2025-12-26	2025-12-27
3	3	3	2025-12-27	2025-12-30
4	1	9011	2025-12-24	2025-12-26
5	1	9011	2025-12-24	2025-12-26

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) | DESKTOP-BLAC2BR/fathi ... | HotelDB2 | 00:00:00 | 5 rows

SQLQuery1.sql - DESKTOP-BLAC2BR.HotelDB2 (DESKTOP-BLAC2BR/fathi) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-BLAC2BR SQL Server 15.0.20080.1

- System Databases
  - master
  - model
  - msdb
  - tempdb
- Databases
  - Adventureworks2014
  - AdventureworksLT
  - AdventureworksLT2014
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  - AdventureworksLT2014tempdb89
  - AdventureworksLT2014tempdb90
  - AdventureworksLT2014tempdb91
  - AdventureworksLT2014tempdb92
  - AdventureworksLT2014tempdb93
  - AdventureworksLT2014tempdb94
  - AdventureworksLT2014tempdb95
  - AdventureworksLT2014tempdb96
  - AdventureworksLT2014tempdb97
  - AdventureworksLT2014tempdb98
  - AdventureworksLT2014tempdb99
  - AdventureworksLT2014tempdb100

Query: SQLQuery1.sql - DESKTOP-BLAC2BR/fathi

```

WHERE YEAR(check_in_date) = 2025;

SELECT MAX(nightly_rate) AS MaxPrice,
      MIN(nightly_rate) AS MinPrice,
      AVG(nightly_rate) AS AvgPrice
FROM Room;

SELECT COUNT(*) AS TotalRooms
FROM Room;

SELECT * FROM Customer
WHERE name LIKE 'AS';

SELECT * FROM Room
WHERE nightly_rate BETWEEN 100 AND 150;

INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9011, 'Fathiya', '123-4567', 'fathiya@gmail.com');

INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date)
VALUES (1, 9011, '2025-12-24', '2025-12-26');

INSERT INTO Room_Booking (booking_id, branch_id, room_no)
VALUES (SCOPE_IDENTITY(), 1, 205);
  
```

Results:

booking_id	branch_id	room_no
1	1	101
2	1	102
3	2	201
4	1	101

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) | DESKTOP-BLAC2BR/fathi ... | HotelDB2 | 00:00:00 | 4 rows



SQLQuery1.sql - DESKTOP-BLAC28R.HotelDB2 (DESKTOP-BLAC28R.fathi (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-BLAC28R SQL Server 15.0.20

- Databases
  - System Databases
  - Database Snapshots
  - AirlineDB
  - BankingSystem
  - collageDB2
  - Company\_SD
  - companyDatabase
  - companyDB
  - Hotel
  - HotelDB
  - HotelDB2
  - Database Diagrams
  - Tables
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security
  - LibraryManagementSystem
  - Server Objects
  - Replication
  - PolyBase
  - Always On High Availability
  - Management
  - Integration Services Catalogs
  - SQL Server Agent (Agent XPs disabled)
  - XEvent Profiler

Query: SQLQuery1.sql - DE..BLAC28R.fathi (33) \*

```

SELECT * FROM Customer
WHERE name LIKE 'AS';

SELECT * FROM Room
WHERE nightly_rate BETWEEN 100 AND 150;

INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9011, 'Fathiya', '123-4567', 'fathiya@gmail.com');

INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date)
VALUES (1, 9011, '2025-12-24', '2025-12-26');

INSERT INTO Room_Booking (booking_id, branch_id, room_no)
VALUES (SCOPE_IDENTITY(), 1, 101);

INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9012, 'Guest Two', NULL, NULL);
  
```

Results: Messages

C_ID	name	phone	email
1	Alex Johnson	555-1234	alex@example.com
2	Bob Smith	555-5678	bob@example.com
3	Charlie Lee	555-9012	charlie@example.com
4	Fathiya	123-4567	fathiya@gmail.com
5	Guest Two	NULL	NULL

Query executed successfully. DESKTOP-BLAC28R (15.0 RTM) / DESKTOP-BLAC28R.fathi ... HotelDB2 00:00:00 5 rows

SQLQuery1.sql - DESKTOP-BLAC28R.HotelDB2 (DESKTOP-BLAC28R.fathi (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: DESKTOP-BLAC28R SQL Server 15.0.20

- Databases
  - System Databases
  - Database Snapshots
  - AirlineDB
  - BankingSystem
  - collageDB2
  - Company\_SD
  - companyDatabase
  - companyDB
  - Hotel
  - HotelDB
  - HotelDB2
  - Database Diagrams
  - Tables
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security
  - LibraryManagementSystem
  - Server Objects
  - Replication
  - PolyBase
  - Always On High Availability
  - Management
  - Integration Services Catalogs
  - SQL Server Agent (Agent XPs disabled)
  - XEvent Profiler

Query: SQLQuery1.sql - DE..BLAC28R.fathi (33) \*

```

UPDATE Room
SET nightly_rate = nightly_rate * 1.10
WHERE type = 'luxury';

SELECT COUNT(*) AS TotalRooms
FROM Room;

SELECT * FROM Customer
WHERE name LIKE 'AS';

SELECT * FROM Room
WHERE nightly_rate BETWEEN 100 AND 150;

INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9011, 'Fathiya', '123-4567', 'fathiya@gmail.com');

INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date)
VALUES (1, 9011, '2025-12-24', '2025-12-26');

INSERT INTO Room_Booking (booking_id, branch_id, room_no)
VALUES (SCOPE_IDENTITY(), 1, 101);

INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9012, 'Guest Two', NULL, NULL);
  
```

Results: Messages

room_no	branch_id	type	nightly_rate
101	1	Single	100.00
102	1	Double	150.00
201	2	Suite	250.00

Query executed successfully. DESKTOP-BLAC28R (15.0 RTM) / DESKTOP-BLAC28R.fathi ... HotelDB2 00:00:00 3 rows

SQLQuery1.sql - DESKTOP-BLAC2BR\HotelDB2 (DESKTOP-BLAC2BR\Fathi (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC2BR\SQL Server 15.0.2008.1. Databases: AdventureWorks, AdventureWorksLT, master, model, msdb, tempdb. Server Objects: Security, Server Objects, Replication, Polybase, Always On High Availability, Management, Integration Services Catalogs, SQL Server Agent (Agent XPs disabled), XEvent Profiler.

SQLQuery1.sql - DE-BLAC2BR\Fathi (33) ->

```

VALUES (9011, 'Fathiya', '123-4567', 'Fathiya@gmail.com');
INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date)
VALUES (1, 9011, '2025-12-24', '2025-12-26');
INSERT INTO Room_Booking (booking_id, branch_id, room_no)
VALUES (SCOPE_IDENTITY(), 1, 101);
INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9012, 'Guest Two', NULL, NULL);
UPDATE Room
SET nightly_rate = nightly_rate * 1.10
WHERE type = 'Luxury';
UPDATE Booking
SET status = 'Completed'
WHERE check_out_date < CAST(GETDATE() AS DATE);

```

Results: Messages

booking_id	S_ID	C_ID	check_in_date	check_out_date	status
1	1	1	2025-12-25	2025-12-28	NULL
2	2	2	2025-12-26	2025-12-27	NULL
3	3	3	2025-12-27	2025-12-30	NULL
4	1	9011	2025-12-24	2025-12-26	NULL
5	1	9011	2025-12-24	2025-12-26	NULL

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) / DESKTOP-BLAC2BR\Fathi ... HotelDB2 00:00:00 5 rows

SQLQuery1.sql - DESKTOP-BLAC2BR\HotelDB2 (DESKTOP-BLAC2BR\Fathi (33)) - Microsoft SQL Server Management Studio (Administrator)

Object Explorer: Connect to DESKTOP-BLAC2BR\SQL Server 15.0.2008.1. Databases: AdventureWorks, AdventureWorksLT, master, model, msdb, tempdb. Server Objects: Security, Server Objects, Replication, Polybase, Always On High Availability, Management, Integration Services Catalogs, SQL Server Agent (Agent XPs disabled), XEvent Profiler.

SQLQuery1.sql - DE-BLAC2BR\Fathi (33) ->

```

WHERE name LIKE 'A%';
SELECT * FROM Room
WHERE nightly_rate BETWEEN 100 AND 150;
INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9011, 'Fathiya', '123-4567', 'Fathiya@gmail.com');
INSERT INTO Booking (S_ID, C_ID, check_in_date, check_out_date)
VALUES (1, 9011, '2025-12-24', '2025-12-26');
INSERT INTO Room_Booking (booking_id, branch_id, room_no)
VALUES (SCOPE_IDENTITY(), 1, 101);
INSERT INTO Customer (C_ID, name, phone, email)
VALUES (9012, 'Guest Two', NULL, NULL);
UPDATE Room
SET nightly_rate = nightly_rate * 1.10
WHERE type = 'Luxury';
UPDATE Booking
SET status = 'Completed'
WHERE check_out_date < CAST(GETDATE() AS DATE);
DELETE FROM Booking
WHERE status = 'Cancelled';
INSERT INTO Booking
SET status = 'Confirmed'
WHERE C_ID = 9011;

```

Results: Messages

booking_id	S_ID	C_ID	check_in_date	check_out_date	status
1	1	1	2025-12-25	2025-12-28	NULL
2	2	2	2025-12-26	2025-12-27	NULL
3	3	3	2025-12-27	2025-12-30	NULL
4	1	9011	2025-12-24	2025-12-26	Confirmed
5	1	9011	2025-12-24	2025-12-26	Confirmed
6	1	1	2025-12-25	2025-12-28	Confirmed
7	2	2	2025-12-26	2025-12-27	Pending
8	3	3	2025-12-27	2025-12-30	Completed

Query executed successfully. DESKTOP-BLAC2BR (15.0 RTM) / DESKTOP-BLAC2BR\Fathi ... HotelDB2 00:00:00 8 rows