

SQLQuery1.sql - ALMAZDI\HotelDB (81) - Microsoft SQL Server Management Studio

Object Explorer: Connect -> Server -> Databases -> HotelDB

SQLQuery1.sql - ALMAZDI\HotelDB (81):

```
---Hotel Database - 2020 Queries---
---Display hotel ID, name, and the name of its manager---
SELECT b.BranchID, b.Name AS HotelName, s.Name AS ManagerName
FROM Branch b
JOIN Staff s ON b.BranchID = s.BranchID
WHERE s.JobTitle = 'Manager';
```

Results: 1 row(s)

BranchID	HotelName	ManagerName
2	ALSHARGA	Almued

Properties: Current connection parameters

Aggregate Status: Connection failures: 0, Elapsed time: 00:00:00.047, Finish time: 12/22/2023 12:13:01 PM, Name: ALMAZDI, Rows returned: 1, Start time: 12/22/2023 12:13:01 PM, State: Open

Connection: Connection name: ALMAZDI (ALMAZDI\msczm)

Connection Details: Connection elapsed time: 00:00:00.047, Connection encryption: Not encrypted, Connection finish time: 12/22/2023 12:13:01 PM, Connection rows returned: 1, Connection start time: 12/22/2023 12:13:01 PM, Connection state: Open, Connection state: ALMAZDI, Display name: ALMAZDI, Login name: ALMAZDI\msczm, Server name: ALMAZDI, Server version: 15.0.2000, Session Tracing ID: SPD, SPD: 61

Name: The name of the connection.

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Object Explorer: Connect -> Server -> Databases -> HotelDB

SQLQuery1.sql - ALMAZDI\HotelDB (81):

```
---Hotel Database - 2020 Queries---
---Display hotel ID, name, and the name of its manager---
SELECT b.BranchID, b.Name AS HotelName, s.Name AS ManagerName
FROM Branch b
JOIN Staff s ON b.BranchID = s.BranchID
WHERE s.JobTitle = 'Manager';
---Display hotel names and the rooms available under them---
SELECT b.Name AS HotelName, r.RoomNumber, r.Type, r.NightRate
FROM Branch b
JOIN Rooms r ON b.BranchID = r.BranchID;
```

Results: 4 row(s)

HotelName	RoomNumber	Type	NightRate
Malaysian Hotel	101	Single	1.00
ALSHARGA	102	Double	2.00
Almadena	201	Single	3.00
Almadena	202	Single	4.00

Properties: Current connection parameters

Aggregate Status: Connection failures: 0, Elapsed time: 00:00:00.051, Finish time: 12/22/2023 12:16:55 PM, Name: ALMAZDI, Rows returned: 4, Start time: 12/22/2023 12:16:55 PM, State: Open

Connection: Connection name: ALMAZDI (ALMAZDI\msczm)

Connection Details: Connection elapsed time: 00:00:00.051, Connection encryption: Not encrypted, Connection finish time: 12/22/2023 12:16:55 PM, Connection rows returned: 4, Connection start time: 12/22/2023 12:16:55 PM, Connection state: Open, Connection state: ALMAZDI, Display name: ALMAZDI, Login name: ALMAZDI\msczm, Server name: ALMAZDI, Server version: 15.0.2000, Session Tracing ID: SPD, SPD: 61

Name: The name of the connection.

SQLQuery1.sql - ALMAZDI/HotelDB (ALMAZDI/mozam (81)) - Microsoft SQL Server Management Studio

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 - Integration Services Catalogs
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 - XEvent Profiler

SQLQuery1.sql - ALMAZDI/mozam (81)

```

--Hotel Database - 202N Queries--
--Display hotel ID, name, and the name of its manager--
SELECT b.BranchID, b.Name AS HotelName, s.Name AS ManagerName
FROM Branch b
202N Staff s ON b.BranchID = s.BranchID
WHERE s.JobTitle = 'Manager';
--Display hotel names and the rooms available under them--
SELECT b.Name AS HotelName, r.RoomNumber, r.Type, r.NightRate
FROM Branch b
202N Rooms r ON b.BranchID = r.BranchID;
--Display guest data along with the bookings they made--
SELECT c.CustomerID, c.Name AS GuestName, c.Email, c.Phone,
b.CheckIn, b.CheckOut
FROM Customer c
202N Booking b ON c.CustomerID = b.CustomerID;
--Display bookings for hotels in 'Hurgada' or 'Sharm El Sheikh'--
SELECT b.Name AS HotelName, bk.CheckIn, bk.CheckOut, c.Name AS GuestName
FROM Branch b
202N Rooms r ON b.BranchID = r.BranchID
202N Rooms_Booking rb ON r.RoomNumber = rb.RoomNumber
202N Booking bk ON rb.CheckIn = bk.CheckIn AND rb.CheckOut = bk.CheckOut
202N Customer c ON bk.CustomerID = c.CustomerID
WHERE b.Location IN ('Hurgada', 'Sharm El Sheikh');
--Display all room records where room type starts with "S" (e.g., "Suite", "Single")--

```

Results

HotelName	CheckIn	CheckOut	GuestName

Properties

Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.029
Finish time	12/22/2023 12:23:01 PM
Name	ALMAZDI
Rows returned	0
Start time	12/22/2023 12:23:01 PM
State	Open

Connection

Connection name	ALMAZDI (ALMAZDI/mozam)
-----------------	-------------------------

Connection Details

Connection elapsed time	00:00:00.029
Connection encryption	Not encrypted
Connection finish time	12/22/2023 12:23:01 PM
Connection rows returned	0
Connection start time	12/22/2023 12:23:01 PM
Connection state	Open
Display name	ALMAZDI
Login name	ALMAZDI/mozam
Server name	ALMAZDI
Server version	15.0.2000
Session Tracing ID	
SPID	61

Name

The name of the connection.

Query executed successfully. ALMAZDI (15.0 RTM) ALMAZDI/mozam (81) HotelDB 00:00:00 0 rows

SQLQuery1.sql - ALMAZDI/HotelDB (ALMAZDI/mozam (81)) - Microsoft SQL Server Management Studio

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 - XEvent Profiler

SQLQuery1.sql - ALMAZDI/mozam (81)

```

--Display guest data along with the bookings they made--
SELECT c.CustomerID, c.Name AS GuestName, c.Email, c.Phone,
b.CheckIn, b.CheckOut
FROM Customer c
202N Booking b ON c.CustomerID = b.CustomerID;
--Display bookings for hotels in 'Hurgada' or 'Sharm El Sheikh'--
SELECT b.Name AS HotelName, bk.CheckIn, bk.CheckOut, c.Name AS GuestName
FROM Branch b
202N Rooms r ON b.BranchID = r.BranchID
202N Rooms_Booking rb ON r.RoomNumber = rb.RoomNumber
202N Booking bk ON rb.CheckIn = bk.CheckIn AND rb.CheckOut = bk.CheckOut
202N Customer c ON bk.CustomerID = c.CustomerID
WHERE b.Location IN ('Hurgada', 'Sharm El Sheikh');
--Display all room records where room type starts with "S" (e.g., "Suite", "Single")--
SELECT *
FROM Rooms
WHERE Type LIKE 'S%';

```

Results

RoomNumber	BranchID	Type	NightRate
101	1	Single	1.00
201	3	Single	3.00
202	4	Single	4.00

Properties

Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.028
Finish time	12/22/2023 12:25:06 PM
Name	ALMAZDI
Rows returned	3
Start time	12/22/2023 12:25:06 PM
State	Open

Connection

Connection name	ALMAZDI (ALMAZDI/mozam)
-----------------	-------------------------

Connection Details

Connection elapsed time	00:00:00.028
Connection encryption	Not encrypted
Connection finish time	12/22/2023 12:25:06 PM
Connection rows returned	3
Connection start time	12/22/2023 12:25:06 PM
Connection state	Open
Display name	ALMAZDI
Login name	ALMAZDI/mozam
Server name	ALMAZDI
Server version	15.0.2000
Session Tracing ID	
SPID	61

Name

The name of the connection.

Query executed successfully. ALMAZDI (15.0 RTM) ALMAZDI/mozam (81) HotelDB 00:00:00 3 rows

SQLQuery1.sql - ALMAZDI\HotelDB (ALMAZDI\mscam (81)) - Microsoft SQL Server Management Studio

Object Explorer: Connect to ALMAZDI (SQL Server 15.0.2000.5 - ALMAZDI\mscam (81))

SQLQuery1.sql - ALMAZDI\mscam (81):

```

----Display each guest's name and the rooms they booked, ordered by room type---
SELECT c.Name AS GuestName, r.RoomNumber, r.Type
FROM Customer c
JOIN Booking b ON c.CustomerID = b.CustomerID
JOIN Rooms_Booking rb ON b.CheckIn = rb.CheckIn AND b.CheckOut = rb.CheckOut
JOIN Rooms r ON rb.RoomNumber = r.RoomNumber
ORDER BY r.Type;

--For each hotel in 'Cairo', display hotel ID, name, manager name, and contact info--
SELECT b.BranchID, b.Name AS HotelName, s.Name AS ManagerName, s.Salary
FROM Branch b
JOIN Staff s ON b.BranchID = s.BranchID
WHERE b.Location = 'Cairo' AND s.JobTitle = 'Manager';

```

Results: 100% | Messages | BranchID | HotelName | ManagerName | Salary

Properties: Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.020
Finish time	12/22/2023 12:37:47 PM
Name	ALMAZDI
Rows returned	0
Start time	12/22/2023 12:37:47 PM
State	Open

Connection

Connection name	ALMAZDI (ALMAZDI\mscam)
-----------------	-------------------------

Connection Details

Connection elapsed time	00:00:00.020
Connection encryption	Not encrypted
Connection finish time	12/22/2023 12:37:47 PM
Connection rows returned	0
Connection start time	12/22/2023 12:37:47 PM
Connection state	Open
Display name	ALMAZDI
Login name	ALMAZDI\mscam
Server name	ALMAZDI
Server version	15.0.2000
Session Tracing ID	
SPID	61

Name: The name of the connection.

Ready | Party sunny | 75°F | Search | 12:37 PM 12/22/2023

SQLQuery1.sql - ALMAZDI\HotelDB (ALMAZDI\mscam (81)) - Microsoft SQL Server Management Studio

Object Explorer: Connect to ALMAZDI (SQL Server 15.0.2000.5 - ALMAZDI\mscam (81))

SQLQuery1.sql - ALMAZDI\mscam (81):

```

----Display each guest's name and the rooms they booked, ordered by room type---
SELECT c.Name AS GuestName, r.RoomNumber, r.Type
FROM Customer c
JOIN Booking b ON c.CustomerID = b.CustomerID
JOIN Rooms_Booking rb ON b.CheckIn = rb.CheckIn AND b.CheckOut = rb.CheckOut
JOIN Rooms r ON rb.RoomNumber = r.RoomNumber
ORDER BY r.Type;

--For each hotel in 'Cairo', display hotel ID, name, manager name, and contact info--
SELECT b.BranchID, b.Name AS HotelName, s.Name AS ManagerName, s.Salary
FROM Branch b
JOIN Staff s ON b.BranchID = s.BranchID
WHERE b.Location = 'Cairo' AND s.JobTitle = 'Manager';

--Display all staff members who hold 'Manager' positions--
SELECT *
FROM Staff
WHERE JobTitle = 'Manager';

```

Results: 100% | Messages | StaffID | Name | JobTitle | Salary | BranchID

1	2	Ahmed	Manager	300.00	2
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Properties: Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.027
Finish time	12/22/2023 12:39:24 PM
Name	ALMAZDI
Rows returned	1
Start time	12/22/2023 12:39:24 PM
State	Open

Connection

Connection name	ALMAZDI (ALMAZDI\mscam)
-----------------	-------------------------

Connection Details

Connection elapsed time	00:00:00.027
Connection encryption	Not encrypted
Connection finish time	12/22/2023 12:39:24 PM
Connection rows returned	1
Connection start time	12/22/2023 12:39:24 PM
Connection state	Open
Display name	ALMAZDI
Login name	ALMAZDI\mscam
Server name	ALMAZDI
Server version	15.0.2000
Session Tracing ID	
SPID	61

Name: The name of the connection.

Ready | Party sunny | 75°F | Search | 12:39 PM 12/22/2023

SQLQuery1.sql - ALMAZDI\HotelDB (ALMAZDI\mscam (81)) - Microsoft SQL Server Management Studio

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Connect* New Query Execute

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 - Event Viewer

SQLQuery1.sql - ALMAZDI\mscam (81)

```
----Display each guest's name and the rooms they booked, ordered by room type---
SELECT c.Name AS GuestName, r.RoomNumber, r.Type
FROM Customer c
JOIN Booking b ON c.CustomerID = b.CustomerID
JOIN Rooms_Booking rb ON b.BranchID = rb.BranchID AND b.CheckIn <= rb.CheckOut
JOIN Rooms r ON rb.RoomNumber = r.RoomNumber
ORDER BY r.Type;

--For each hotel in 'Cairo', display hotel ID, name, manager name, and contact info--
SELECT b.BranchID, b.Name AS HotelName, s.Name AS ManagerName, s.Salary
FROM Branch b
JOIN Staff s ON b.BranchID = s.BranchID
WHERE b.Location = 'Cairo' AND s.JobTitle = 'Manager';

--Display all staff members who hold 'Manager' positions--
SELECT *
FROM Staff
WHERE JobTitle = 'Manager';

--Display all guests and their reviews, even if some guests haven't submitted any reviews--
SELECT c.Name AS GuestName, c.ReviewText
FROM Customer c
LEFT JOIN Reviews r ON c.CustomerID = r.CustomerID;
----not have Reviews----
```

100 %

Msg 208, Level 16, State 1, Line 78
Invalid object name 'Reviews'.

Completion time: 2025-12-22T12:40:34.6047735+04:00

100 %

Query completed with errors.

Properties

Current connection parameters

Aggregate Status

Connection failures	
Elapsed time	00:00:00.013
Finish time	12/22/2025 12:40:34 PM
Name	ALMAZDI
Rows returned	0
Start time	12/22/2025 12:40:34 PM
State	Open

Connection

Connection name	ALMAZDI (ALMAZDI\mscam)
-----------------	-------------------------

Connection Details

Connection elapsed time	00:00:00.013
Connection encryption	Not encrypted
Connection finish time	12/22/2025 12:40:34 PM
Connection rows returned	0
Connection start time	12/22/2025 12:40:34 PM
Connection state	Open
Display name	ALMAZDI
Login name	ALMAZDI\mscam
Server name	ALMAZDI
Server version	15.0.2000
Session Tracing ID	
SPID	61

Name

The name of the connection.

Ready

75°F Partly sunny

Search

ALMAZDI (15.0 RTM) ALMAZDI\mscam (81) HotelDB 00:00:00 0 rows

Ln 81 Col 24 Ch 24 RWS

12:41 PM 12/22/2025