

SQLQuery2.sql - w...AD\mchhabr5 (90))* ✕ SQLQuery1.sql - w...AD\mchhabr5 (59))

```
Select * FROM INVOICE;
```

100 %

Results Messages

InvoiceID	InvoiceDate	BookID	GuestID	StartDate	EndDate	CondoFee	ActivityFee	InvoiceTotal	SalesTax	GrandTotal
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Q1.

SQLQuery3.sql - w...AD\mchhabr5 (91))* ✕ SQLQuery2.sql - w...AD\mchh

```
--Question 1  
SELECT BookID  
FROM BOOKING  
WHERE GuestID = 'G5' AND StartDate = '2023-08-01';
```

100 %

Results Messages

	BookID
1	302

Q2.

SQLQuery4.sql - w...AD\mchhabr5 (99)) * X SQLQuery3.sql - w...AD\mchhabr5 (91)) SQLQuery2.sql

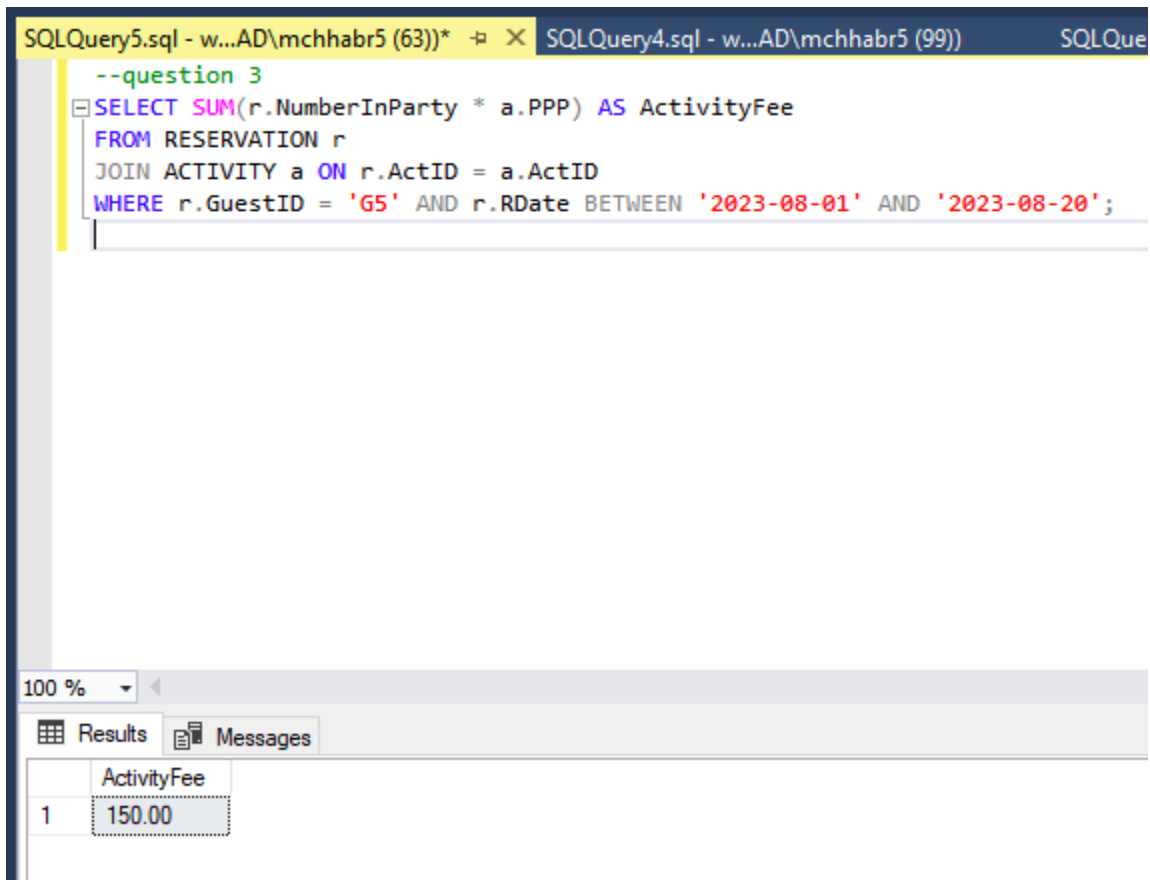
```
--question 2
SELECT SUM(DATEDIFF(day, b.StartDate, b.EndDate) * c.DailyRate) AS CondoFee
FROM BOOKING b
JOIN CONDO c ON b.BldgNum = c.BldgNum AND b.UnitNum = c.UnitNum
WHERE b.GuestID = 'G5' AND b.StartDate = '2023-08-01';
```

100 %

Results Messages

	CondoFee
1	2755.00

Q3.



The screenshot shows a SQL Server Enterprise Manager window with two tabs: 'SQLQuery5.sql - w...AD\mchhabr5 (63))' and 'SQLQuery4.sql - w...AD\mchhabr5 (99))'. The active tab contains the following SQL query:

```
--question 3
SELECT SUM(r.NumberInParty * a.PPP) AS ActivityFee
FROM RESERVATION r
JOIN ACTIVITY a ON r.ActID = a.ActID
WHERE r.GuestID = 'G5' AND r.RDate BETWEEN '2023-08-01' AND '2023-08-20';
```

Below the query editor, the 'Results' tab is selected, displaying a single row of data:

	ActivityFee
1	150.00

Q4.

```
SQLQuery7.sql - w....AD\mchhabr5 (97)*  SQLQuery6.sql - w....AD\mchhabr5 (102)  SQLQuery5.sql - w....AD\mchhabr5 (63)  SQLQuery4.sql - w....AD\mchhabr5 (63)

--question 4
CREATE PROCEDURE Create_Invoice
    @GuestID varchar(4),
    @StartDate date,
    @EndDate date
AS
BEGIN TRY
    BEGIN TRANSACTION

    DECLARE @BookID INT, @CondoFee DECIMAL(7,2), @ActivityFee DECIMAL(7,2);

    SELECT @BookID = BookID
    FROM BOOKING
    WHERE GuestID = @GuestID AND StartDate = @StartDate;

    SELECT @CondoFee = SUM(DATEDIFF(day, StartDate, EndDate) * DailyRate)
    FROM BOOKING
    JOIN CONDO ON BOOKING.BldgNum = CONDO.BldgNum AND BOOKING.UnitNum = CONDO.UnitNum
    WHERE GuestID = @GuestID AND StartDate = @StartDate;

    SELECT @ActivityFee = SUM(NumberInParty * PPP)
    FROM RESERVATION
    JOIN ACTIVITY ON RESERVATION.ActID = ACTIVITY.ActID
    WHERE GuestID = @GuestID AND StartDate = @StartDate;

    INSERT INTO INVOICE (BookID, GuestID, StartDate, EndDate, CondoFee, ActivityFee)
    VALUES (@BookID, @GuestID, @StartDate, @EndDate, @CondoFee, @ActivityFee);

    DECLARE @InvoiceID INT = SCOPE_IDENTITY(), @InvoiceTotal DECIMAL(7,2), @SalesTax DECIMAL(5,2), @GrandTotal DECIMAL(7,2);

    SET @InvoiceTotal = @CondoFee + @ActivityFee;
    SET @SalesTax = @InvoiceTotal * 0.09; -- Sales tax is 9%
    SET @GrandTotal = @InvoiceTotal + @SalesTax;

    COMMIT TRANSACTION;
END TRY
BEGIN CATCH
    SELECT ERROR_NUMBER() AS ErrorNumber, ERROR_MESSAGE() AS ErrorMessage;
    ROLLBACK TRANSACTION;
END CATCH;
```

100 %

Messages

Commands completed successfully.

```
SQLQuery7.sql - w....AD\mchhabr5 (97)*  SQLQuery6.sql - w....AD\mchhabr5 (102)  SQLQuery5.sql - w....AD\mchhabr5 (63)  SQLQuery4.sql - w....AD\mchhabr5 (63)

INSERT INTO INVOICE (BookID, GuestID, StartDate, EndDate, CondoFee, ActivityFee)
VALUES (@BookID, @GuestID, @StartDate, @EndDate, @CondoFee, @ActivityFee);

DECLARE @InvoiceID INT = SCOPE_IDENTITY(), @InvoiceTotal DECIMAL(7,2), @SalesTax DECIMAL(5,2), @GrandTotal DECIMAL(7,2);

SET @InvoiceTotal = @CondoFee + @ActivityFee;
SET @SalesTax = @InvoiceTotal * 0.09; -- Sales tax is 9%
SET @GrandTotal = @InvoiceTotal + @SalesTax;

UPDATE INVOICE
SET InvoiceTotal = @InvoiceTotal, SalesTax = @SalesTax, GrandTotal = @GrandTotal
WHERE InvoiceID = @InvoiceID;

COMMIT TRANSACTION;
END TRY
BEGIN CATCH
    SELECT ERROR_NUMBER() AS ErrorNumber, ERROR_MESSAGE() AS ErrorMessage;
    ROLLBACK TRANSACTION;
END CATCH;
```

100 %

Messages

Commands completed successfully.

Q5.

SQLQuery7.sql - w...AD\mchhabr5 (97) SQLQuery6.sql - w...AD\mchhabr5 (102) SQLQuery5.sql - w...AD\mchhabr5 (63) SQ

```
--question 5
EXEC Create_Invoice @GuestID = 'G5', @StartDate = '2023-08-01', @EndDate = '2023-08-20';
SELECT * FROM INVOICE;
```

100 %

Results Messages

	InvoiceID	InvoiceDate	BookID	GuestID	StartDate	EndDate	CondoFee	ActivityFee	InvoiceTotal	SalesTax	GrandTotal
1	1000	2024-11-26	302	G5	2023-08-01	2023-08-20	2755.00	150.00	2905.00	261.45	3166.45