

Assessment on SQL

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Flight table

The screenshot shows the SQL Server Enterprise Manager interface. The Object Explorer on the left displays the database structure, including tables like `tblOrders`, `tblShippers`, `tblTitles`, and `tblPassengers`. The central pane shows a SQL query being executed in the `SQLQuery6.sql` file. The query creates a database named `Assessment` and uses the `KANINIBATCH2` database. It defines a `Pass_Booking` view with columns `PassengerName` and `NumberOfBookings`. The query then selects the top 3 passengers based on the number of bookings.

```
1 create database Assessment
2 use KANINIBATCH2
3 WITH Pass_Booking as(
4     Select P.Pass_name as PassengerName, count(B.Bookingid) as NumberOfBookings
5     from
6     passengers P
7     Inner join
8     booking_details B on p.pass_id = b.Passid
9     group by pass_name
10 )
11 select TOP 3
12 PassengerName, NumberOfBookings
13 from
14 Pass_Booking
```

The Results pane shows the output of the query:

PassengerName	NumberOfBookings
1 A Very Very Long Nam	2
2 Arjun Patel	1
3 Anjali Devi	1

The status bar at the bottom indicates that the query was executed successfully, returning 3 rows.

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```
23
24
25
26 select p.pass_id as PassengerID, p.pass_name as PassengerName
27 from passengers p
28 inner join
29 booking_details bd on p.pass_id = bd.Passid
30 inner join
31 booking b on bd.Bookingid = b.booking_id
32 where month(b.Booking_date) = month(@DateofBooking) and year(b.Booking_date) = year(@DateofBooking)
33 select * from booking_details
34 select * from RetDet('2025-07-28')
35
36 create table Workers(Worker_id int primary key, Fname varchar(20), Lname varchar(20), Salary decimal(10,2),
37 create table Title(Workerid int references Workers(Worker_id), Worker_title varchar(20), Affected_from date)
```

The Results pane shows the output of the query:

PassengerID	PassengerName
1 P001	A Very Very Long Nam
2 P002	Priya Singh
3 P003	Amit Gupta
4 P004	Sneha Kumari
5 P005	Vikas Reddy
6 P006	Anjali Devi
7 P007	Arjun Patel
8 P008	Neha Verma
9 P009	Sachin Joshi
10 P010	Deepika Rao
11 P001	A Very Very Long Nam

The status bar at the bottom indicates that the query was executed successfully, returning 11 rows.