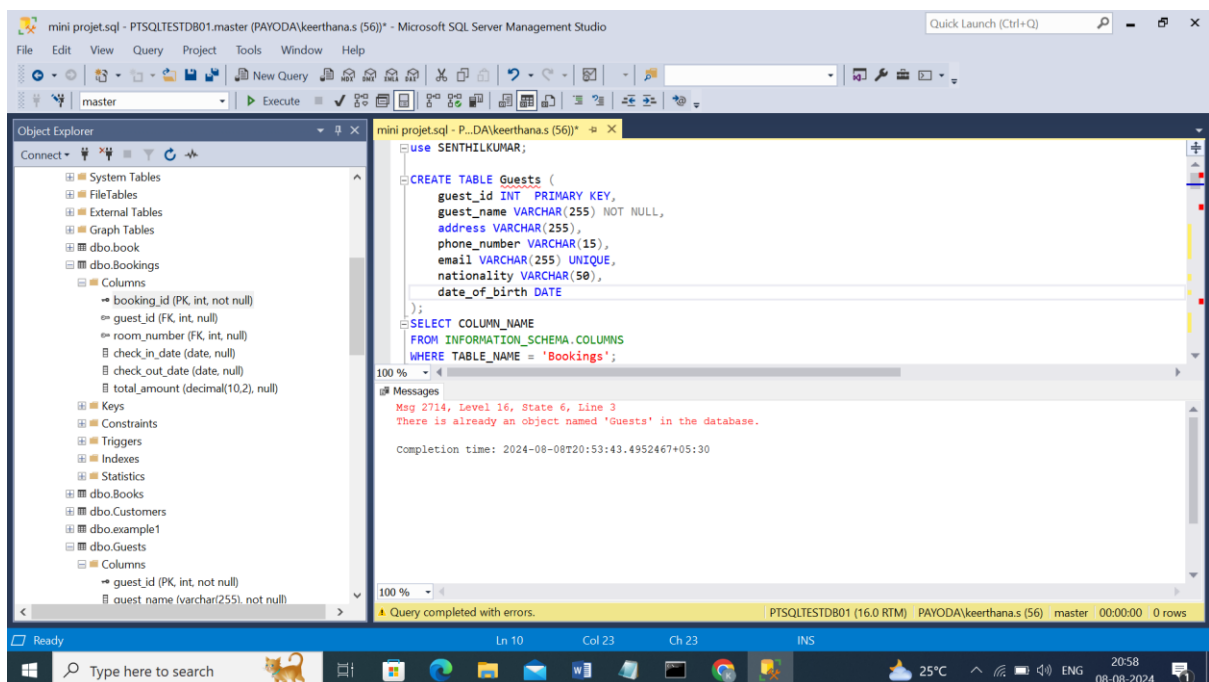


1 . Mini Project of sql

Title:hotel management system

Create the Guest:-



Select column name -:

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the connection to 'mini projet.sql - PTSQLTESTDB01.master (PAYODA\keerthana.s (56))'. The 'Object Explorer' on the left shows the database structure, including tables like 'dbo.Bookings' and 'dbo.Customers'. The 'Query Editor' in the center contains the following SQL query:

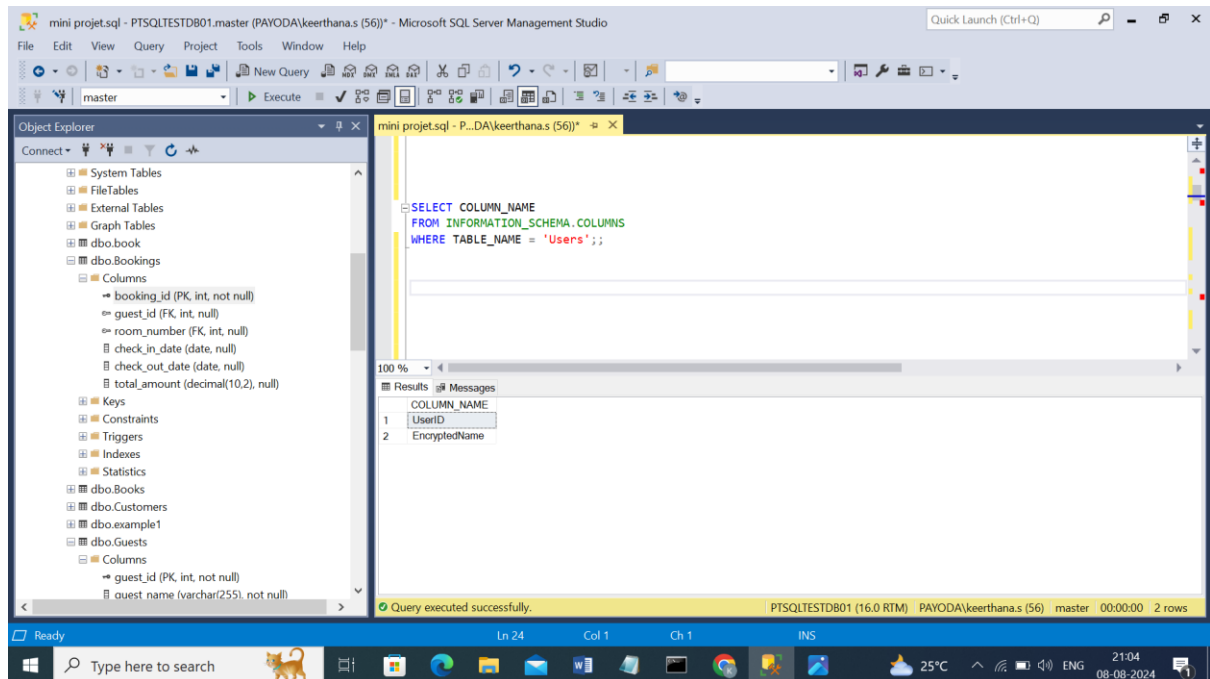
```
);  
SELECT COLUMN_NAME  
FROM INFORMATION_SCHEMA.COLUMNS  
WHERE TABLE_NAME = 'Bookings';
```

The 'Results' pane at the bottom shows the output of the query, listing the column names for the 'Bookings' table:

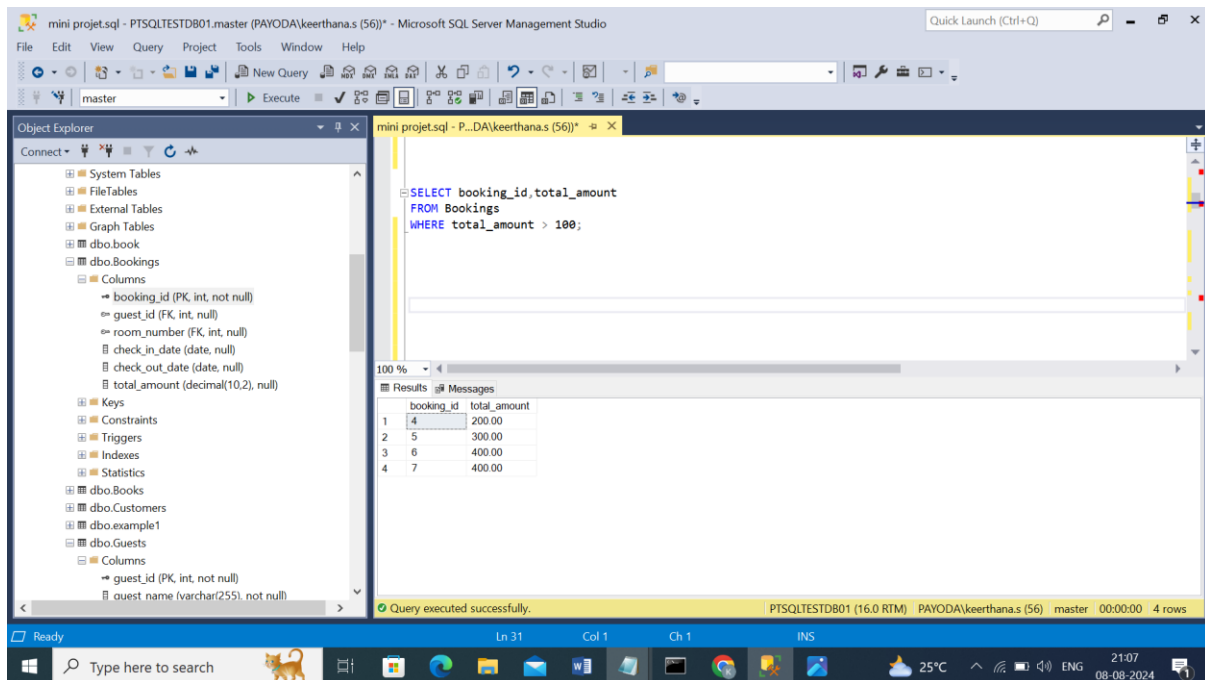
COLUMN_NAME
booking_id
guest_id
room_number
check_in_date
check_out_date
total_amount
transaction_id

The status bar at the bottom indicates that the query was executed successfully, returning 7 rows.

User name -:



Select booking_id



use SENTHILKUMAR;

```
CREATE TABLE Guests (  
    guest_id INT PRIMARY KEY,  
    guest_name VARCHAR(255) NOT NULL,  
    address VARCHAR(255),  
    phone_number VARCHAR(15),  
    email VARCHAR(255) UNIQUE,  
    nationality VARCHAR(50),  
    date_of_birth DATE  
);  
  
SELECT COLUMN_NAME  
FROM INFORMATION_SCHEMA.COLUMNS  
WHERE TABLE_NAME = 'Bookings';
```

```
SELECT COLUMN_NAME
FROM INFORMATION_SCHEMA.COLUMNS
WHERE TABLE_NAME = 'Users';;
```

```
SELECT booking_id,total_amount
FROM Bookings
WHERE total_amount > 100;
```

```
INSERT INTO Bookings (total_amount)
VALUES (400);
```

```
insert into bookings(transaction_id)
values(100);
```

```
ALTER TABLE Bookings
ADD transaction_id INT;
```

```
SELECT
    t.transaction_id,
    t.transaction_date,
    t.amount,
    t.payment_method
FROM
    Transactions t
WHERE
    t.booking_id = 3 ;
```

```
select * from Transactions;
SELECT * FROM Bookings WHERE booking_id = 103;
```

```
ALTER TABLE Bookings
ADD total_amount DECIMAL(10, 2);
```

```
SELECT * FROM Bookings WHERE booking_id = 103;
```

```
UPDATE Bookings
SET guest_id = 1,
    room_number = 101,
    check_in_date = '2024-08-01',
    check_out_date = '2024-08-05',
    total_amount = 500
WHERE booking_id = 104;
```

```
SET IDENTITY_INSERT Bookings ON;
```

```
INSERT INTO Bookings (booking_id, guest_id, room_number,
check_in_date, check_out_date, total_amount)
VALUES ( 2, 101, '2024-08-01', '2024-08-05', 500.00);
```

```
insert into bookings (guest_id,room_number,check_in_date,
check_out_date)
values(3,103,CURRENT_TIMESTAMP,CURRENT_TIMESTAMP)
```

```
update bookings
set guest_id=2, room_number = 102, check_in_date =
CURRENT_TIMESTAMP, check_out_date = CURRENT_TIMESTAMP
where booking_id=3;
```

```
update bookings
set guest_id=2, room_number = 103, check_in_date =
CURRENT_TIMESTAMP, check_out_date = CURRENT_TIMESTAMP
```

```
where booking_id=4;
```

```
update bookings  
set guest_id=2, room_number = 103, check_in_date =  
CURRENT_TIMESTAMP, check_out_date = CURRENT_TIMESTAMP  
where booking_id=4;
```

```
update bookings  
set guest_id=2, room_number = 103, check_in_date =  
CURRENT_TIMESTAMP, check_out_date = CURRENT_TIMESTAMP  
where booking_id=3;
```

```
update bookings  
set guest_id=2, room_number = 103, check_in_date =  
CURRENT_TIMESTAMP, check_out_date = CURRENT_TIMESTAMP  
where booking_id=5;
```

```
select * from bookings;
```

```
select * from Guests;
```

```
insert into
```

```
guests(guest_id,guest_name,address,phone_number,email,nationali  
ty,date_of_birth)
```

```
values(103,'keerthi','coimbatore',235790123,'jon@gmail.com','india',  
'2000-08-12');
```

```
update Guests
```

```
set address='coimbatore',phone_number=2568910 ,email=  
'shibi@gamil.com',nationality ='indin',date_of_birth ='2000_02_23',  
guest_email='shibi@gamil.com'  
where guest_id=5;
```

```
select * from Rooms;
```

```
insert into rooms(room_number,room_type, rate_per_night)  
values (103,'std',500)
```

```
insert into rooms(room_number,room_type, rate_per_night)  
values (2,'std',500)
```

```
INSERT INTO Guests (guest_id, guest_name, address,  
phone_number, email, nationality, date_of_birth)  
VALUES ( 1,'John Doe', 'Coimbatore', '3589543255',  
'jone@gmail.com', 'Indian', '2003-08-12');
```

```
INSERT INTO Guests (guest_id, guest_name, address,  
phone_number, email, nationality, date_of_birth)  
VALUES (2, 'Jane Smith', 'Coimbatore', '3589543256',  
'jane@gmail.com', 'Indian', '1990-12-05');
```

```
INSERT INTO Guests (guest_id, guest_name, address,  
phone_number, email, nationality, date_of_birth)  
VALUES (3, 'Emily Davis', 'Coimbatore', '3589543257',  
'emily.davis@example.com', 'Indian', '1995-06-15');
```

```
INSERT INTO Guests (guest_id, guest_name, address,  
phone_number, email, nationality, date_of_birth)  
VALUES (5, 'Michael Johnson', 'Coimbatore', '3589543258',  
'michael.johnson@example.com', 'Indian', '1988-09-25');
```