# AKASH SHETTY SQL PROJECT

# **TABLE:**

```
Hotel.sql - LAPTOP-...\Akash Shetty (75)) 	≠ ×
   □create table Hotel (
     hotelNo numeric(10),
     hotelName varchar(20),
     city varchar(8),
     constraint hotel PK PRIMARY KEY(hotelNo)
    );
   ECREATE TABLE Room (
     roomNo numeric(10),
     hotelNo numeric(10),
     type varchar(20),
     price money,
     CONSTRAINT room_pk PRIMARY KEY(roomNo, hotelNo),
     CONSTRAINT hotel fk FOREIGN KEY(hotelNo) REFERENCES Hotel
     );
   ⊡CREATE TABLE Guest (
     guestNo numeric(10),
     guestName varchar(20),
     guestAddress varchar(30),
     CONSTRAINT guest_pk PRIMARY KEY(guestNo)
```

```
Hotel.sql - LAPTOP-...\Akash Shetty (75)) 	≠ ×
   □CREATE TABLE Guest (
     guestNo numeric(10),
     guestName varchar(20),
     guestAddress varchar(30),
     CONSTRAINT guest_pk PRIMARY KEY(guestNo)
     );
   □ CREATE TABLE Booking (
     hotelNo numeric(10),
     guestNo numeric(10),
     dateFrom datetime,
     dateTo datetime,
     roomNo numeric(10),
     CONSTRAINT booking_pk PRIMARY KEY(hotelNo, guestNo, dateFrom),
     CONSTRAINT room_fk FOREIGN KEY(roomNo, hotelNo) REFERENCES Room,
     CONSTRAINT guest_fk FOREIGN KEY(guestNo) REFERENCES guest
     );
```

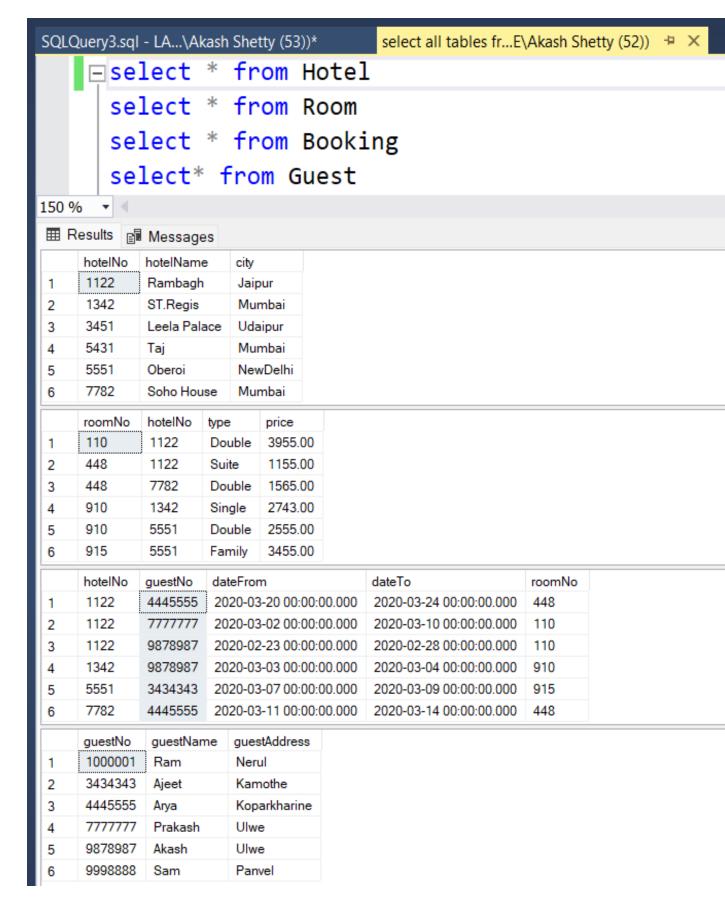
## **INSERTION:**

```
insert all rec of ho...E\Akash Shetty (55)) + X Hotel.sql - LAPTOP-...\Akash Shetty (75))
   ⊡insert into Hotel values (5431, 'Taj', 'Mumbai');
    insert into Hotel values (5551, 'Oberoi', 'NewDelhi');
    insert into Hotel values (3451, 'Leela Palace', 'Udaipur');
    insert into Hotel values (1122, 'Rambagh', 'Jaipur');
    insert into Hotel values (1342, 'ST.Regis', 'Mumbai');
    insert into Hotel values (7782, 'Soho House', 'Mumbai');
    insert into Room values (910, 5551, 'Double', 2555);
    insert into Room values (915, 5551, 'Family', 3455);
    insert into Room values (448, 7782, 'Double', 1565);
    insert into Room values (110, 1122, 'Double', 3955);
    insert into Room values (910, 1342, 'Single', 2743);
    insert into Room values (448, 1122, 'Suite', 1155);
    insert into Guest values (9878987, 'Akash', 'Ulwe');
    insert into Guest values (4445555, 'Arya', 'Koparkharine');
    insert into Guest values (7777777, 'Prakash', 'Ulwe');
    insert into Guest values (3434343, 'Ajeet', 'Kalamboli');
    insert into Guest values (1000001, 'Ram', 'Nerul');
    insert into Guest values (9998888, 'Sam', 'Panvel');
    insert into booking values (1122, 9878987, '23-Feb-2020', '28-Feb-2020', 110);
    insert into booking values (1122, 7777777, '2-Mar-2020', '10-Mar-2020', 110);
```

```
insert into Guest values (9878987, 'Akash', 'Ulwe');
insert into Guest values (4445555, 'Arya', 'Koparkharine');
insert into Guest values (7777777, 'Prakash', 'Ulwe');
insert into Guest values (3434343, 'Ajeet', 'Kalamboli');
insert into Guest values (1000001, 'Ram', 'Nerul');
insert into Guest values (9998888, 'Sam', 'Panvel');

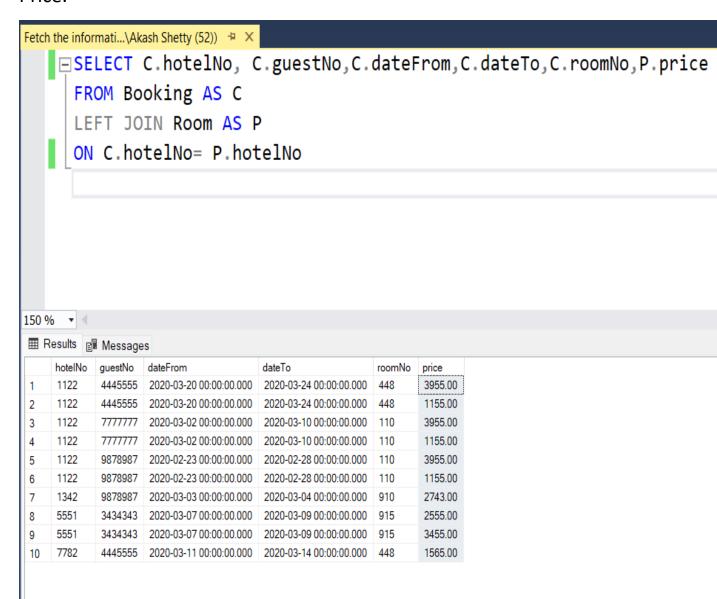
insert into booking values (1122, 9878987, '23-Feb-2020', '28-Feb-2020', 110);
insert into booking values (1122, 7777777, '2-Mar-2020', '10-Mar-2020', 110);
insert into booking values (1342, 9878987, '3-Mar-2020', '4-Mar-2020', 910);
insert into booking values (5551, 3434343, '7-Mar-2020', '9-Mar-2020', 915);
insert into booking values (7782, 4445555, '11-Mar-2020', '14-Mar-2020', 448);
insert into booking values (1122, 4445555, '20-Mar-2020', '24-Mar-2020', 448);
```

### **DATABASE: 4 TABLES**



### **QUERIES:**

1)Fetch the information related to billing amount of each client with Price.



2) Fetch the information of all the guest who are staying between (25<sup>th</sup> Dec to 30<sup>th</sup> Dec) but as these dates are not available in the database I had displayed 23<sup>rd</sup> Feb to 9<sup>th</sup> March

