DBMS LAB ASSIGNMENT 3

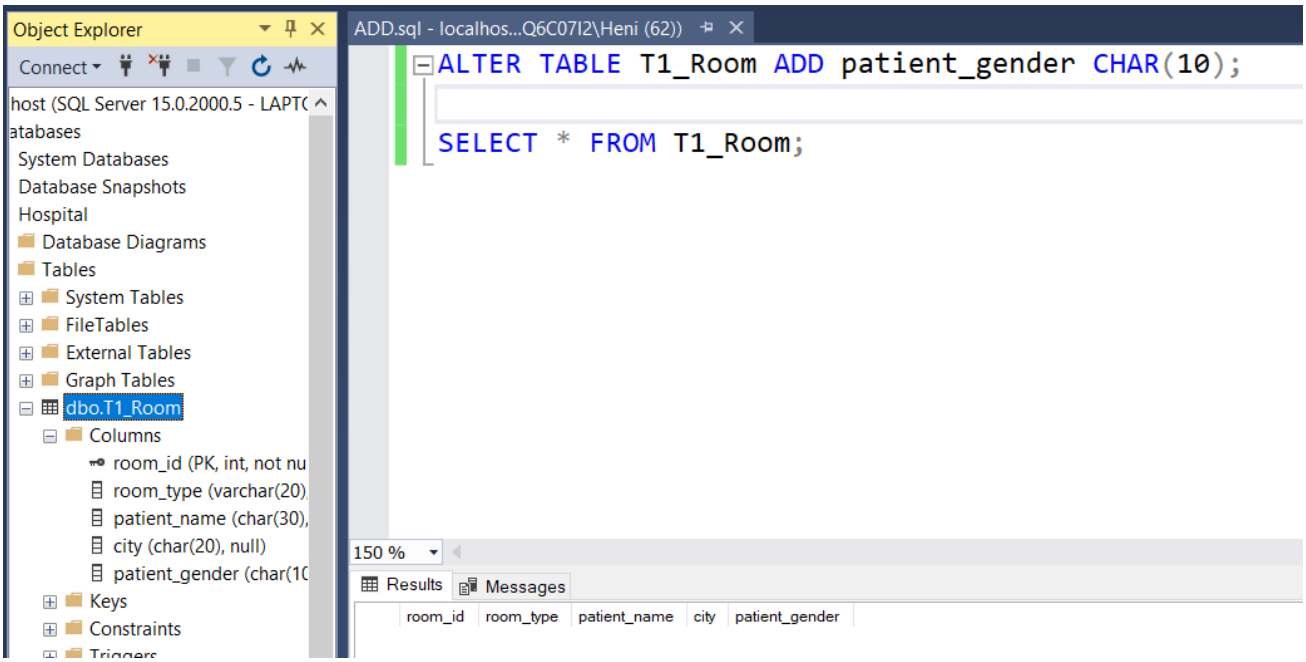
NAME: HENI PRAJAPATI

REG. NO.: 19BCS119

1. QUERY:
    a. ADD

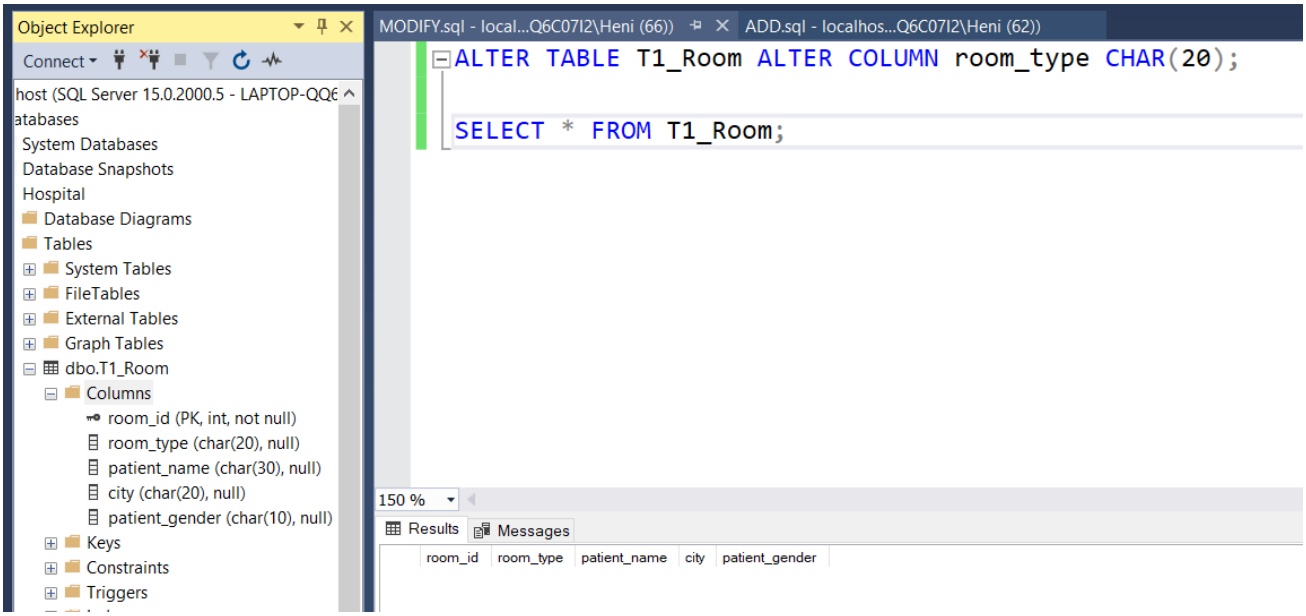
    ALTER TABLE T1_Room

    ADD patient_gender char(10);



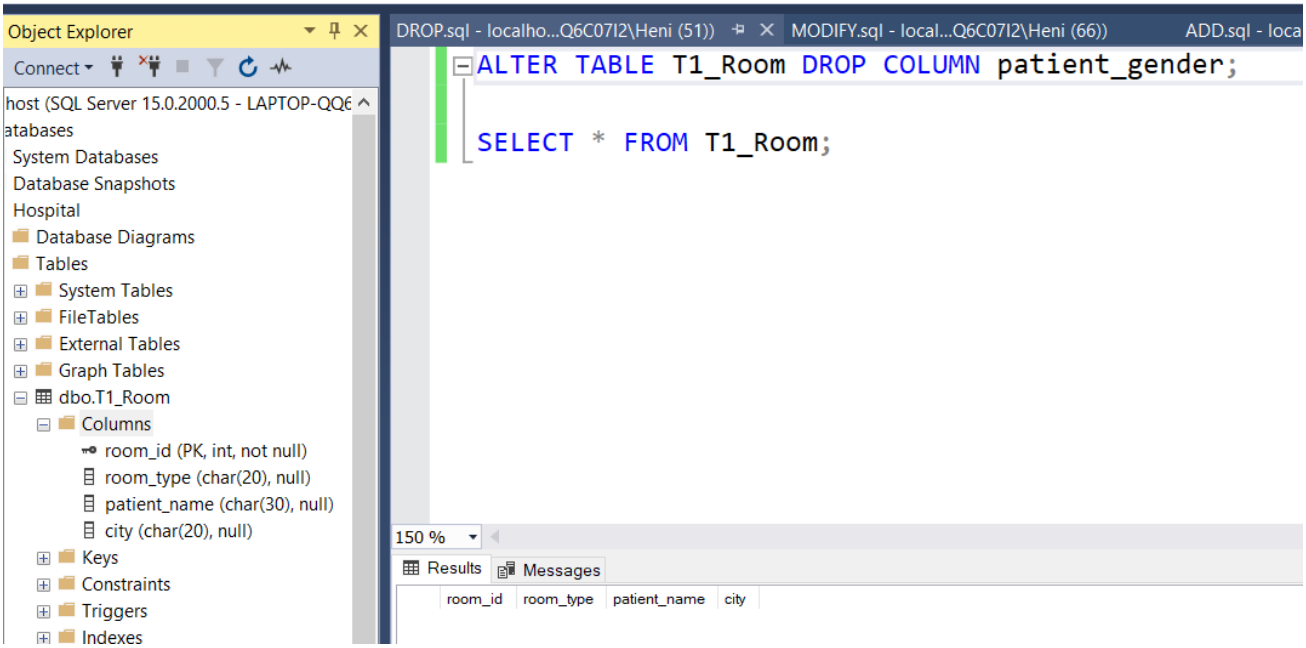
    b. MODIFY

    ALTER TABLE T1_Room ALTER COLUMN room_type CHAR(20);



c. DROP

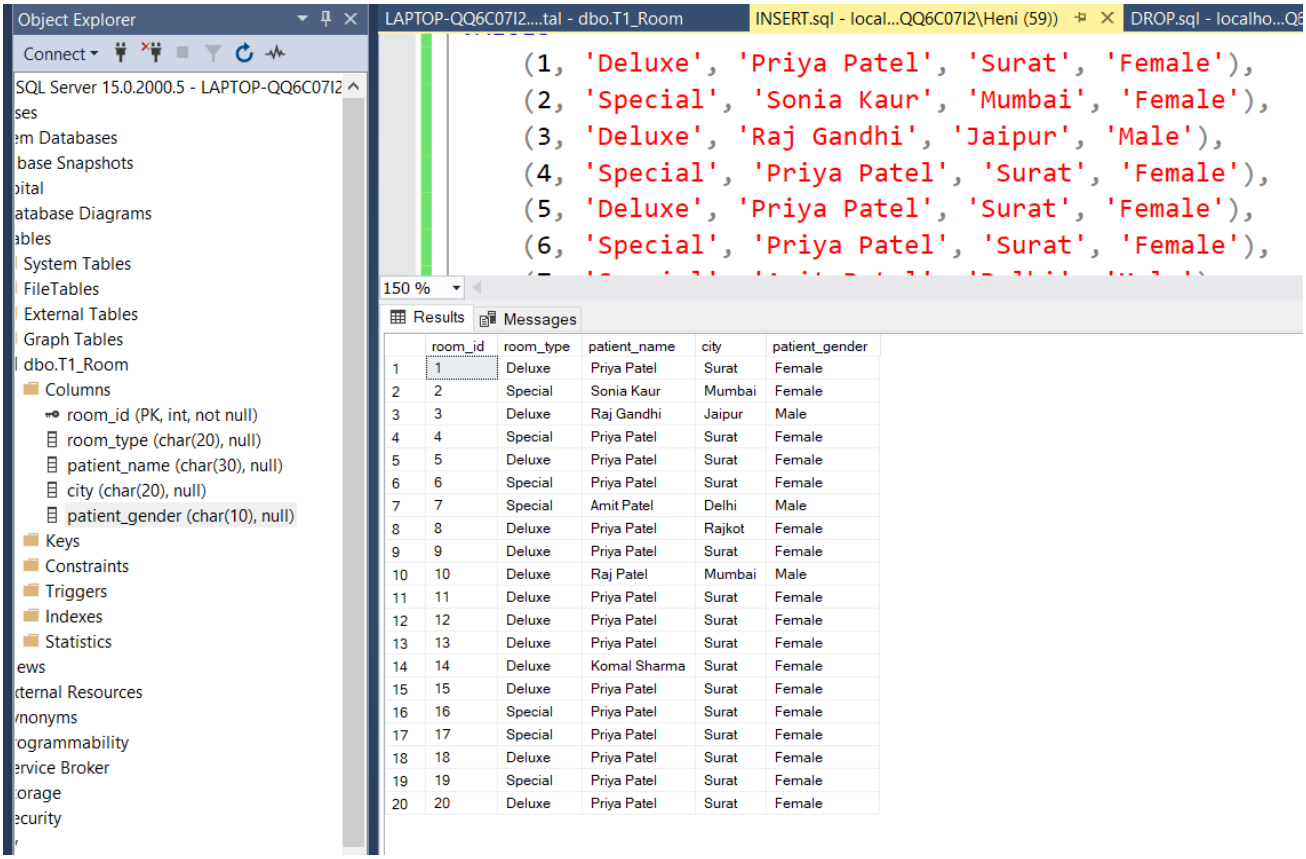
ALTER TABLE T1_Room DROP COLUMN room_type CHAR(20);



2. INSERT

```
INSERT INTO dbo.T1_Room
       (room_id, room_type, patient_name, city, patient_gender)

VALUES
       (1, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (null, 'Special', 'Sonia Kaur', 'Mumbai', 'Female'),
       (3, 'Deluxe', 'Raj Gandhi', 'Jaipur', 'Male'),
       (4, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (5, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (6, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (7, 'Special', 'Amit Patel', 'Delhi', 'Male'),
       (8, 'Deluxe', 'Priya Patel', 'Rajkot', 'Female'),
       (9, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (10, 'Deluxe', 'Raj Patel', 'Mumbai', 'Male'),
       (11, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (12, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (13, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (14, 'Deluxe', 'Komal Sharma', 'Surat', 'Female'),
       (15, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (16, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (17, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (18, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (19, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female');
SELECT * FROM T1_Room
```

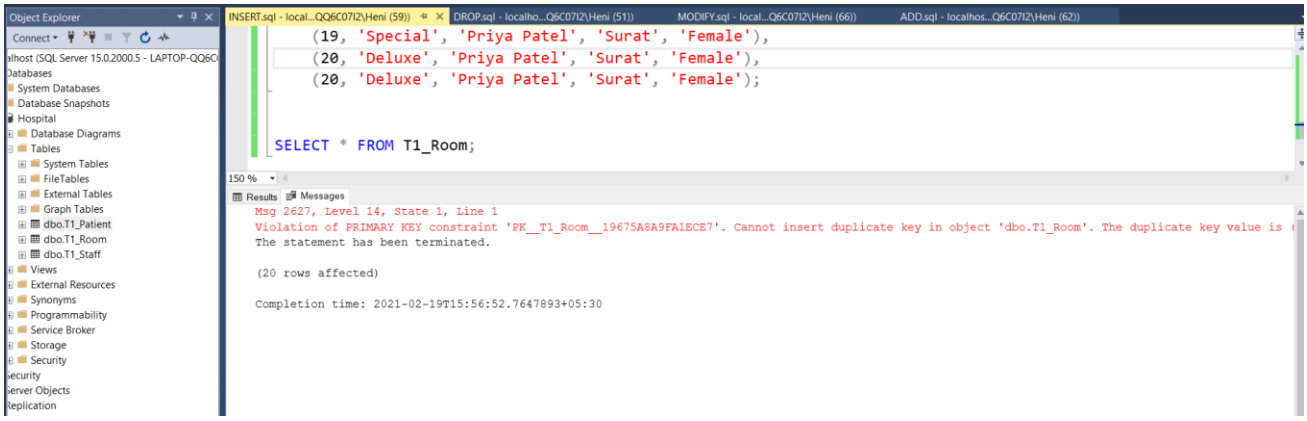
OUTPUT:



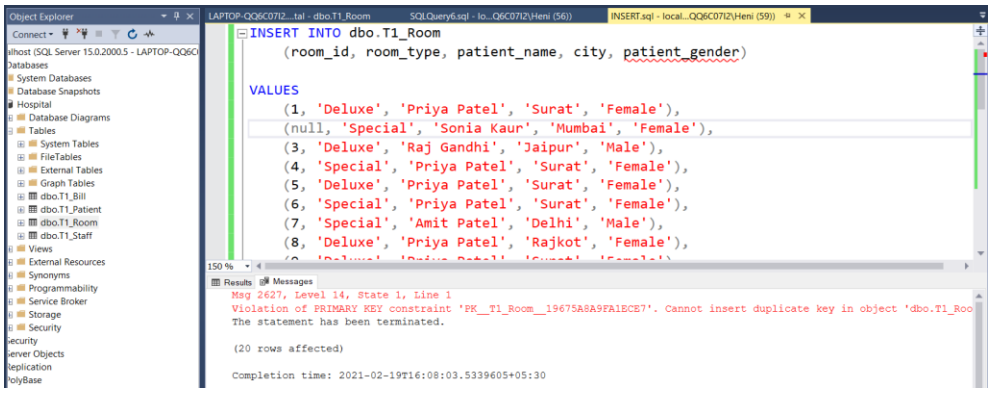
	room_id	room_type	patient_name	city	patient_gender
1	1	Deluxe	Priya Patel	Surat	Female
2	2	Special	Sonia Kaur	Mumbai	Female
3	3	Deluxe	Raj Gandhi	Jaipur	Male
4	4	Special	Priya Patel	Surat	Female
5	5	Deluxe	Priya Patel	Surat	Female
6	6	Special	Priya Patel	Surat	Female
7	7	Special	Amit Patel	Delhi	Male
8	8	Deluxe	Priya Patel	Rajkot	Female
9	9	Deluxe	Priya Patel	Surat	Female
10	10	Deluxe	Raj Patel	Mumbai	Male
11	11	Deluxe	Priya Patel	Surat	Female
12	12	Deluxe	Priya Patel	Surat	Female
13	13	Deluxe	Priya Patel	Surat	Female
14	14	Deluxe	Komal Sharma	Surat	Female
15	15	Deluxe	Priya Patel	Surat	Female
16	16	Special	Priya Patel	Surat	Female
17	17	Special	Priya Patel	Surat	Female
18	18	Deluxe	Priya Patel	Surat	Female
19	19	Special	Priya Patel	Surat	Female
20	20	Deluxe	Priya Patel	Surat	Female

3. OUTPUT

```
INSERT INTO dbo.T1_Room
       (room_id, room_type, patient_name, city, patient_gender)

VALUES
       (1, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (null, 'Special', 'Sonia Kaur', 'Mumbai', 'Female'),
       (3, 'Deluxe', 'Raj Gandhi', 'Jaipur', 'Male'),
       (4, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (5, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (6, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (7, 'Special', 'Amit Patel', 'Delhi', 'Male'),
       (8, 'Deluxe', 'Priya Patel', 'Rajkot', 'Female'),
       (9, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (10, 'Deluxe', 'Raj Patel', 'Mumbai', 'Male'),
       (11, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (12, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (13, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (14, 'Deluxe', 'Komal Sharma', 'Surat', 'Female'),
       (15, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (16, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (17, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (18, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (19, 'Special', 'Priya Patel', 'Surat', 'Female'),
       (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
       (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female');

SELECT * FROM T1_Room
```



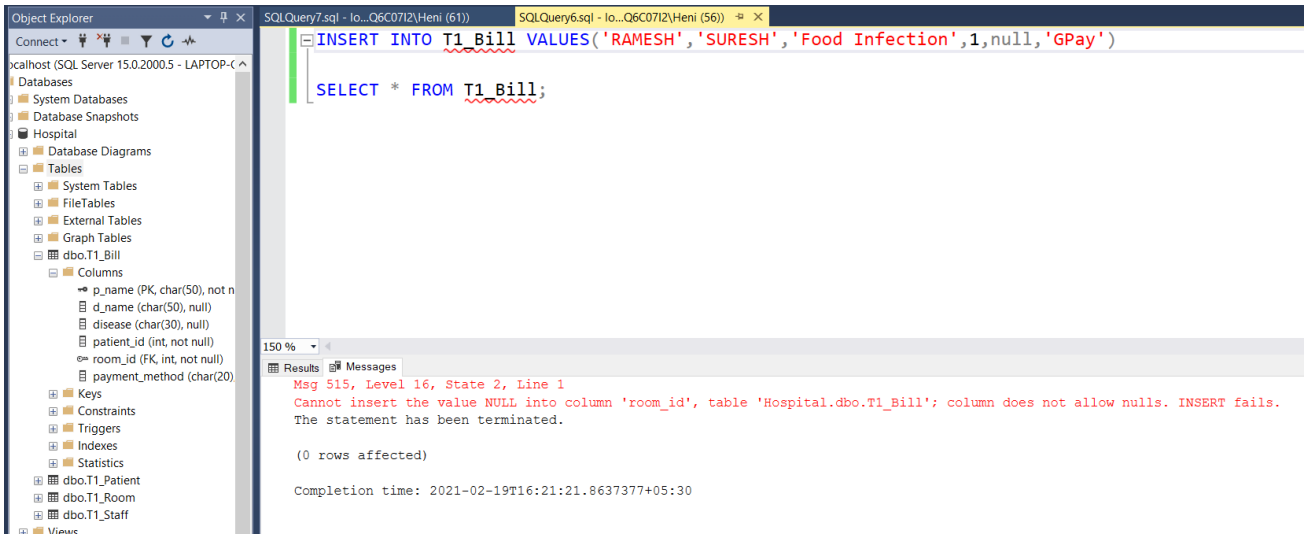

```
INSERT INTO dbo.T1_Room
(room_id, room_type, patient_name, city, patient_gender)

VALUES
        (1, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (null, 'Special', 'Sonia Kaur', 'Mumbai', 'Female'),
        (3, 'Deluxe', 'Raj Gandhi', 'Jaipur', 'Male'),
        (4, 'Special', 'Priya Patel', 'Surat', 'Female'),
        (5, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (6, 'Special', 'Priya Patel', 'Surat', 'Female'),
        (7, 'Special', 'Amit Patel', 'Delhi', 'Male'),
        (8, 'Deluxe', 'Priya Patel', 'Rajkot', 'Female'),
        (9, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (10, 'Deluxe', 'Raj Patel', 'Mumbai', 'Male'),
        (11, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (12, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (13, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (14, 'Deluxe', 'Komal Sharma', 'Surat', 'Female'),
        (15, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (16, 'Special', 'Priya Patel', 'Surat', 'Female'),
        (17, 'Special', 'Priya Patel', 'Surat', 'Female'),
        (18, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (19, 'Special', 'Priya Patel', 'Surat', 'Female'),
        (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female'),
        (20, 'Deluxe', 'Priya Patel', 'Surat', 'Female');

  SELECT * FROM T1_Room
```



4. QUERY:

INSERT INTO T1_Bill VALUES('Ramesh','Suresh','Food Infection',1,null,'Gpay')

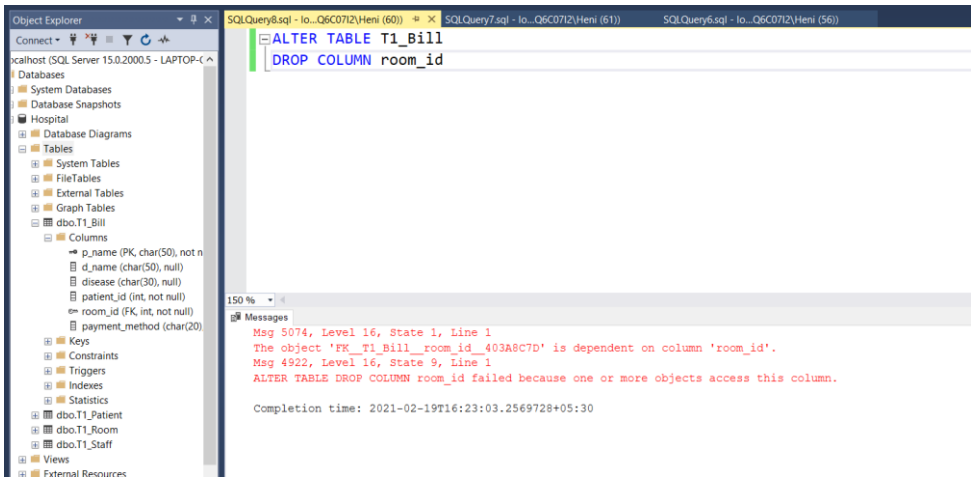
OUTPUT



5. QUERY:

ALTER TABLE T1_Bill
DROP COLUMN room_id

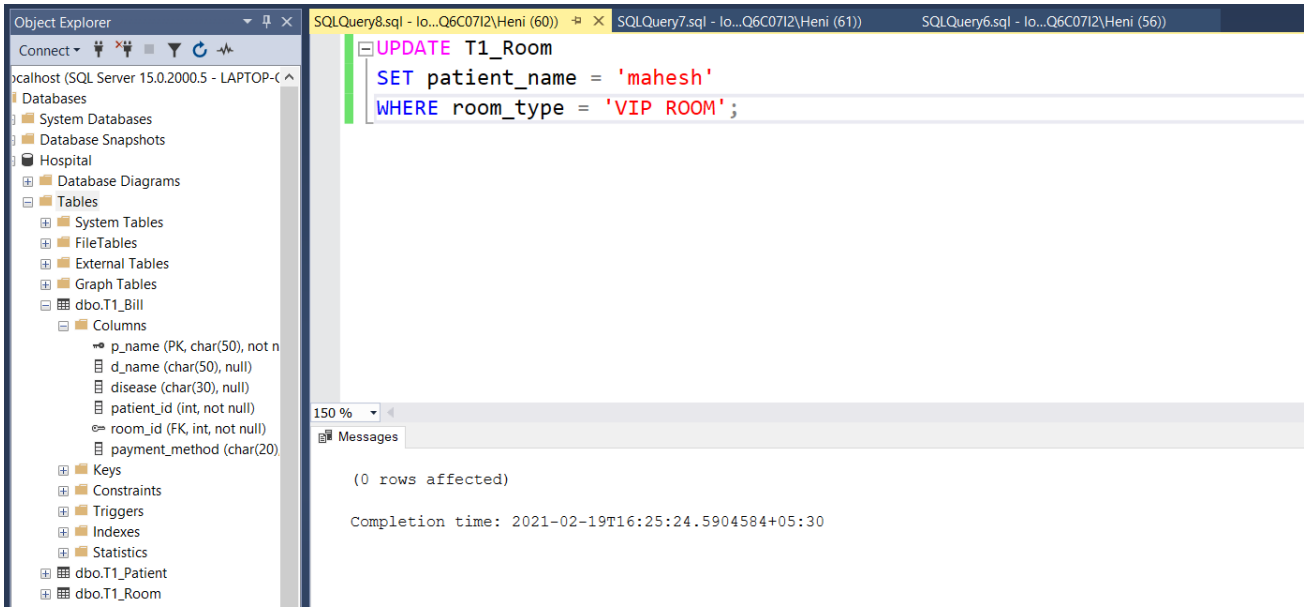
OUTPUT



6. QUERY:

```
UPDATE T1_Room
SET patient_name = ‘mahesh,
WHERE room_type = ‘VIP ROOM’;
```

OUTPUT



7. QUERY:

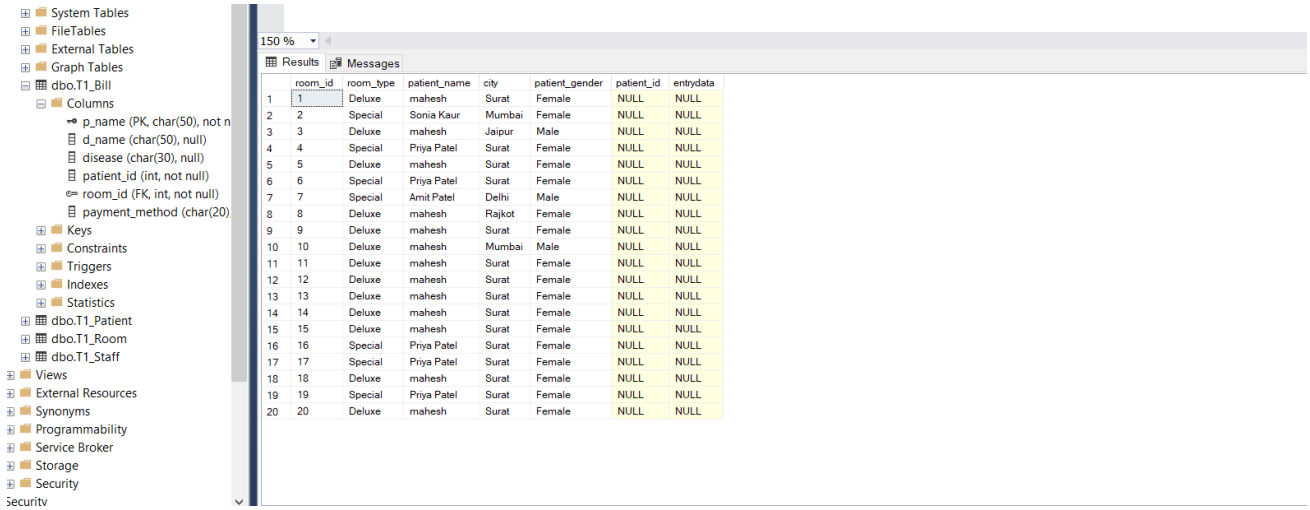
```
ALTER TABLE T1_Room
ADD entrydata data default getdata()
```

OUTPUT

8. A) QUERY:

SELECT * FROM T1_Room;

OUTPUT

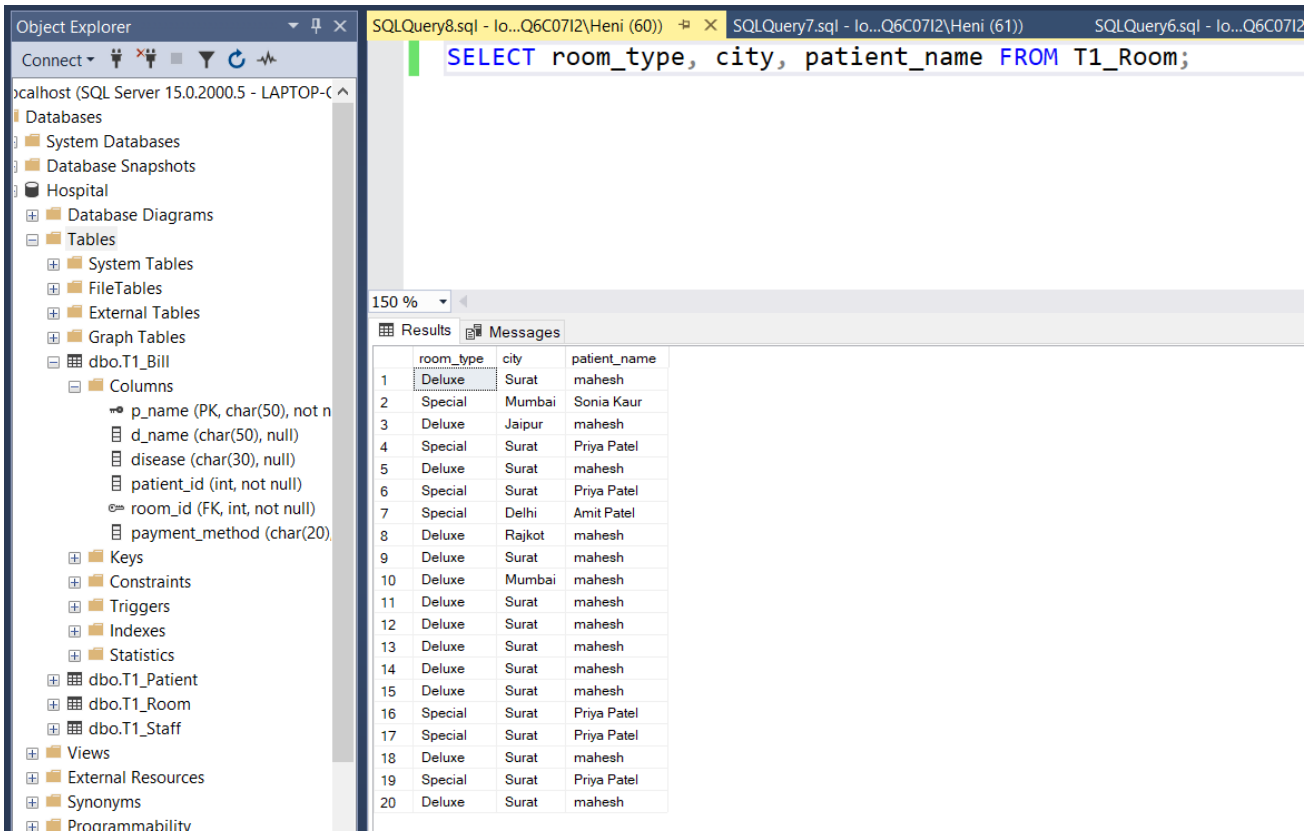


	room_id	room_type	patient_name	city	patient_gender	patient_id	entrydata
1	1	Deluxe	mahesh	Surat	Female	NULL	NULL
2	2	Special	Sonia Kaur	Mumbai	Female	NULL	NULL
3	3	Deluxe	mahesh	Jaipur	Male	NULL	NULL
4	4	Special	Priya Patel	Surat	Female	NULL	NULL
5	5	Deluxe	mahesh	Surat	Female	NULL	NULL
6	6	Special	Priya Patel	Surat	Female	NULL	NULL
7	7	Special	Amit Patel	Delhi	Male	NULL	NULL
8	8	Deluxe	mahesh	Rajkot	Female	NULL	NULL
9	9	Deluxe	mahesh	Surat	Female	NULL	NULL
10	10	Deluxe	mahesh	Mumbai	Male	NULL	NULL
11	11	Deluxe	mahesh	Surat	Female	NULL	NULL
12	12	Deluxe	mahesh	Surat	Female	NULL	NULL
13	13	Deluxe	mahesh	Surat	Female	NULL	NULL
14	14	Deluxe	mahesh	Surat	Female	NULL	NULL
15	15	Deluxe	mahesh	Surat	Female	NULL	NULL
16	16	Special	Priya Patel	Surat	Female	NULL	NULL
17	17	Special	Priya Patel	Surat	Female	NULL	NULL
18	18	Deluxe	mahesh	Surat	Female	NULL	NULL
19	19	Special	Priya Patel	Surat	Female	NULL	NULL
20	20	Deluxe	mahesh	Surat	Female	NULL	NULL

B) QUERY

```
SELECT room_type, city, patient_name FROM T1_Room;
```

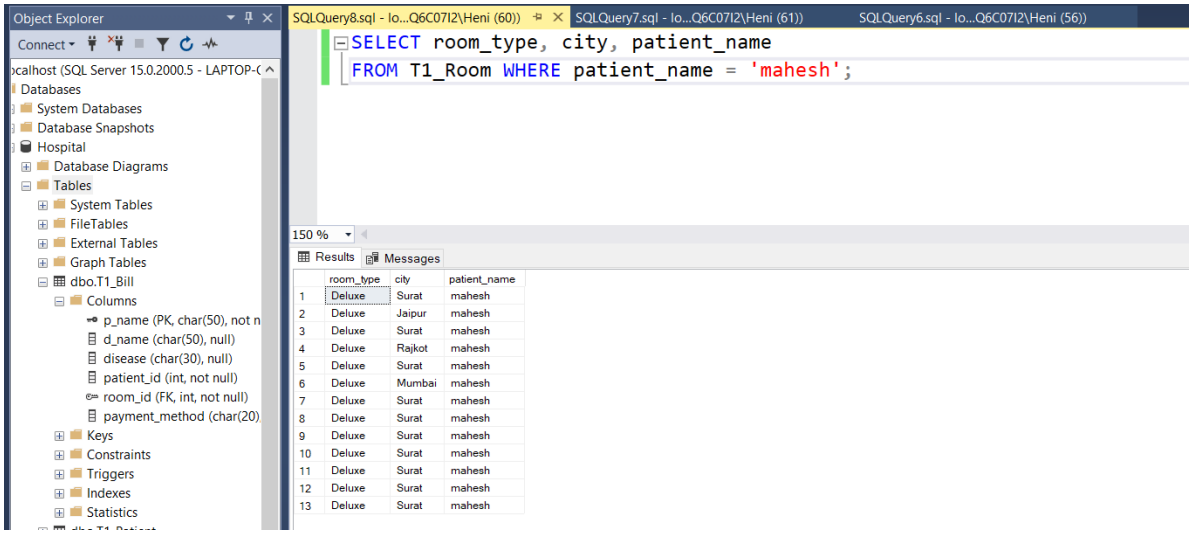
OUTPUT:



	room_type	city	patient_name
1	Deluxe	Surat	mahesh
2	Special	Mumbai	Sonia Kaur
3	Deluxe	Jaipur	mahesh
4	Special	Surat	Priya Patel
5	Deluxe	Surat	mahesh
6	Special	Surat	Priya Patel
7	Special	Delhi	Amit Patel
8	Deluxe	Rajkot	mahesh
9	Deluxe	Surat	mahesh
10	Deluxe	Mumbai	mahesh
11	Deluxe	Surat	mahesh
12	Deluxe	Surat	mahesh
13	Deluxe	Surat	mahesh
14	Deluxe	Surat	mahesh
15	Deluxe	Surat	mahesh
16	Special	Surat	Priya Patel
17	Special	Surat	Priya Patel
18	Deluxe	Surat	mahesh
19	Special	Surat	Priya Patel
20	Deluxe	Surat	mahesh

C) QUERY:

```
SELECT room_type, city, patient_name
FROM T1_Room WHERE patient_name = 'mahesh';
```

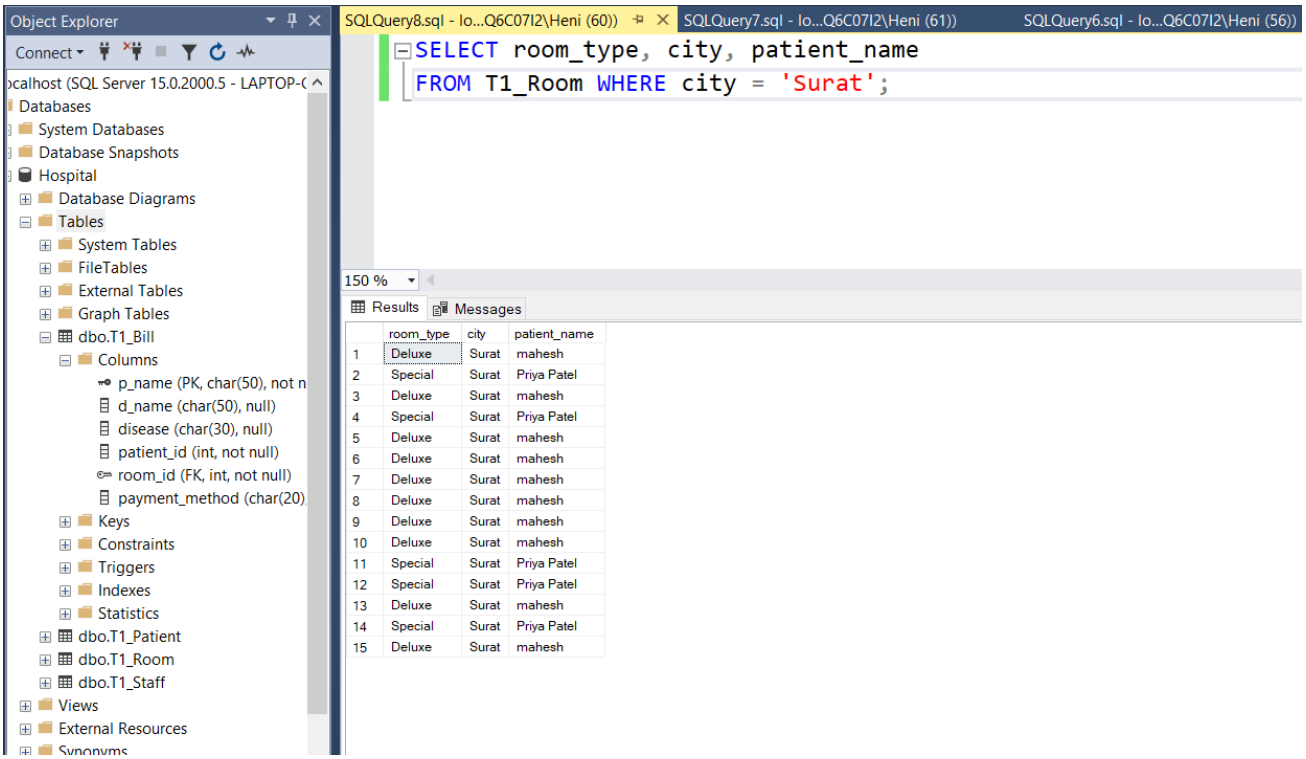


	room_type	city	patient_name
1	Deluxe	Surat	mahesh
2	Deluxe	Jaipur	mahesh
3	Deluxe	Surat	mahesh
4	Deluxe	Rajkot	mahesh
5	Deluxe	Surat	mahesh
6	Deluxe	Mumbai	mahesh
7	Deluxe	Surat	mahesh
8	Deluxe	Surat	mahesh
9	Deluxe	Surat	mahesh
10	Deluxe	Surat	mahesh
11	Deluxe	Surat	mahesh
12	Deluxe	Surat	mahesh
13	Deluxe	Surat	mahesh

D) QUERY:

```
SELECT room_type, city, patient_name
FROM T1_Room WHERE city = 'Surat';
```

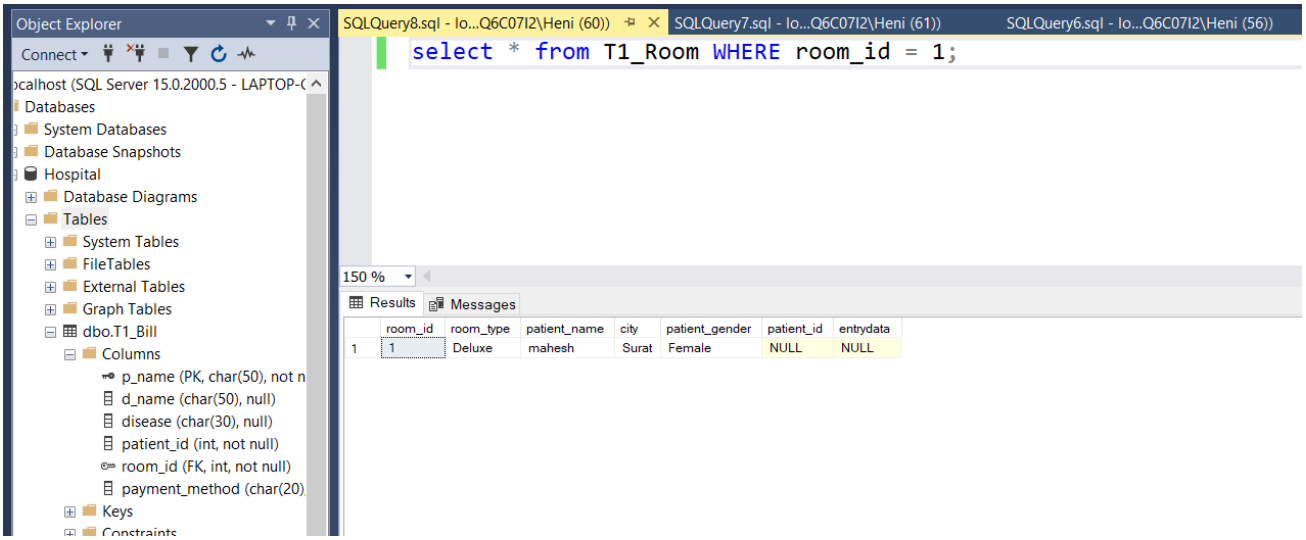
OUTPUT:



E) QUERY:

```
SELECT * FROM T1_Room WHERE room_id = 1;
```

OUTPUT:



9. QUERY:

```
UPDATE T1_Room
SET patient_id = 100
WHERE room_id = 1;
```

OUTPUT: