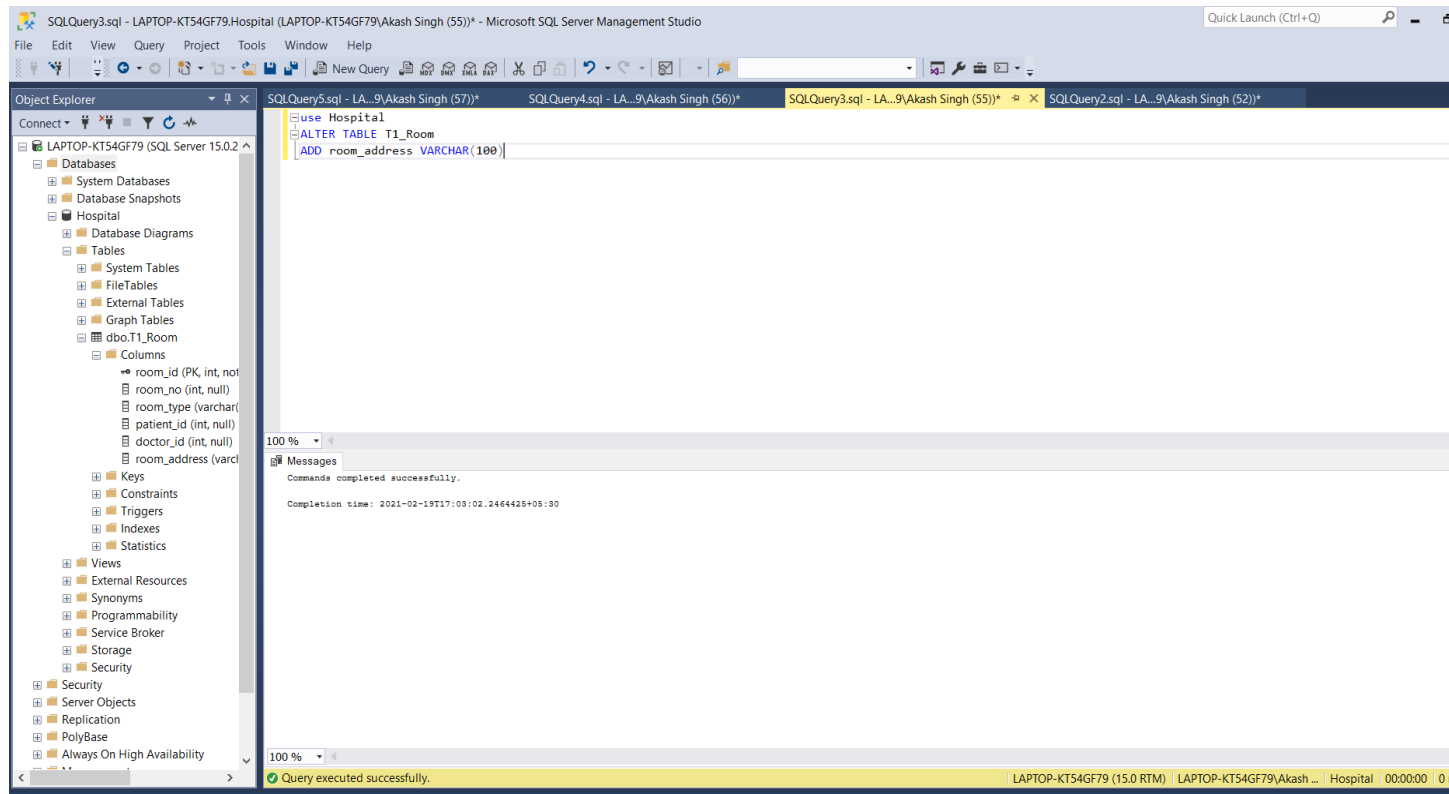


# DBMS LAB ASSIGNMENT-3

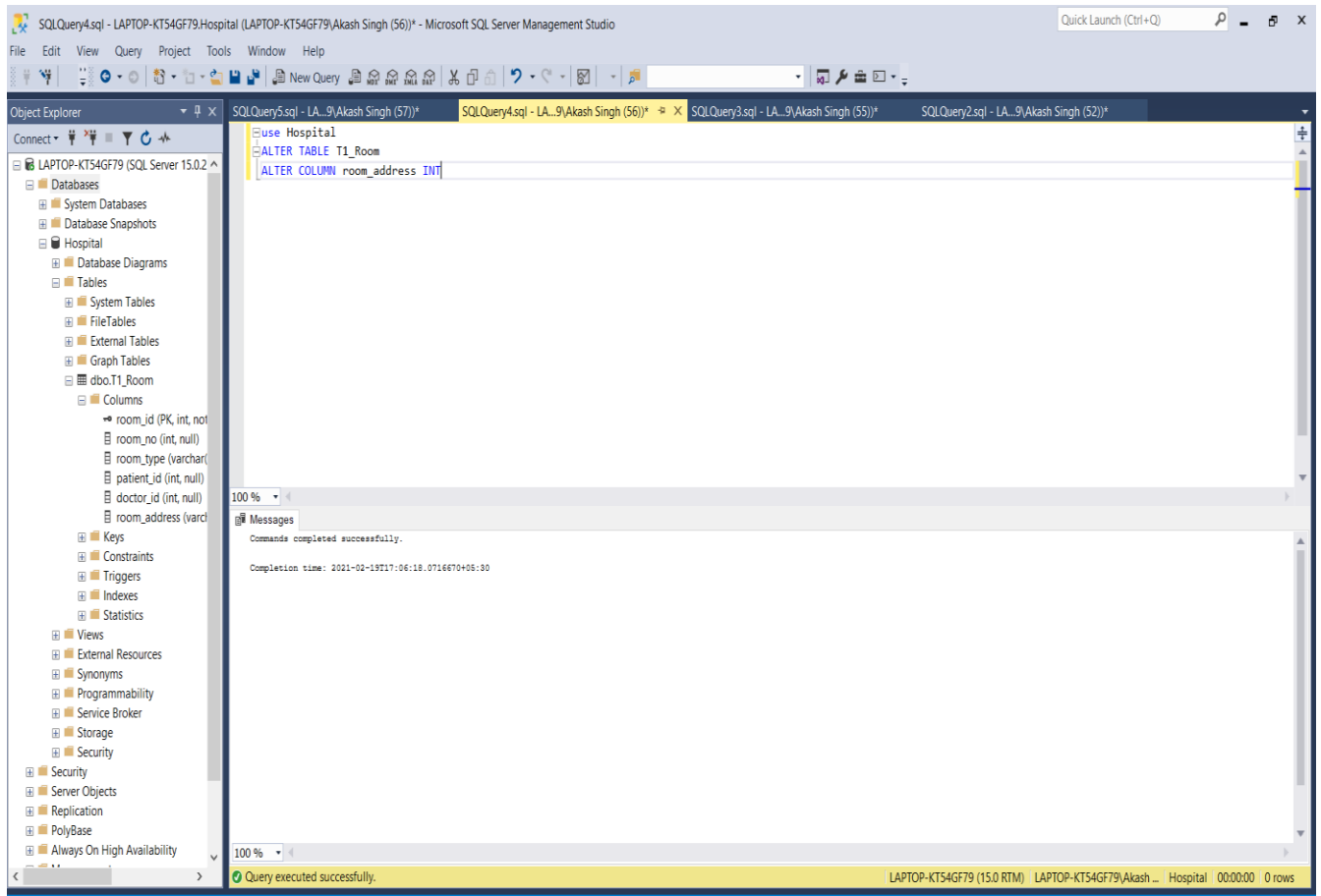
NAME:-JAKash Singh

ROLL NO:-19BCS007

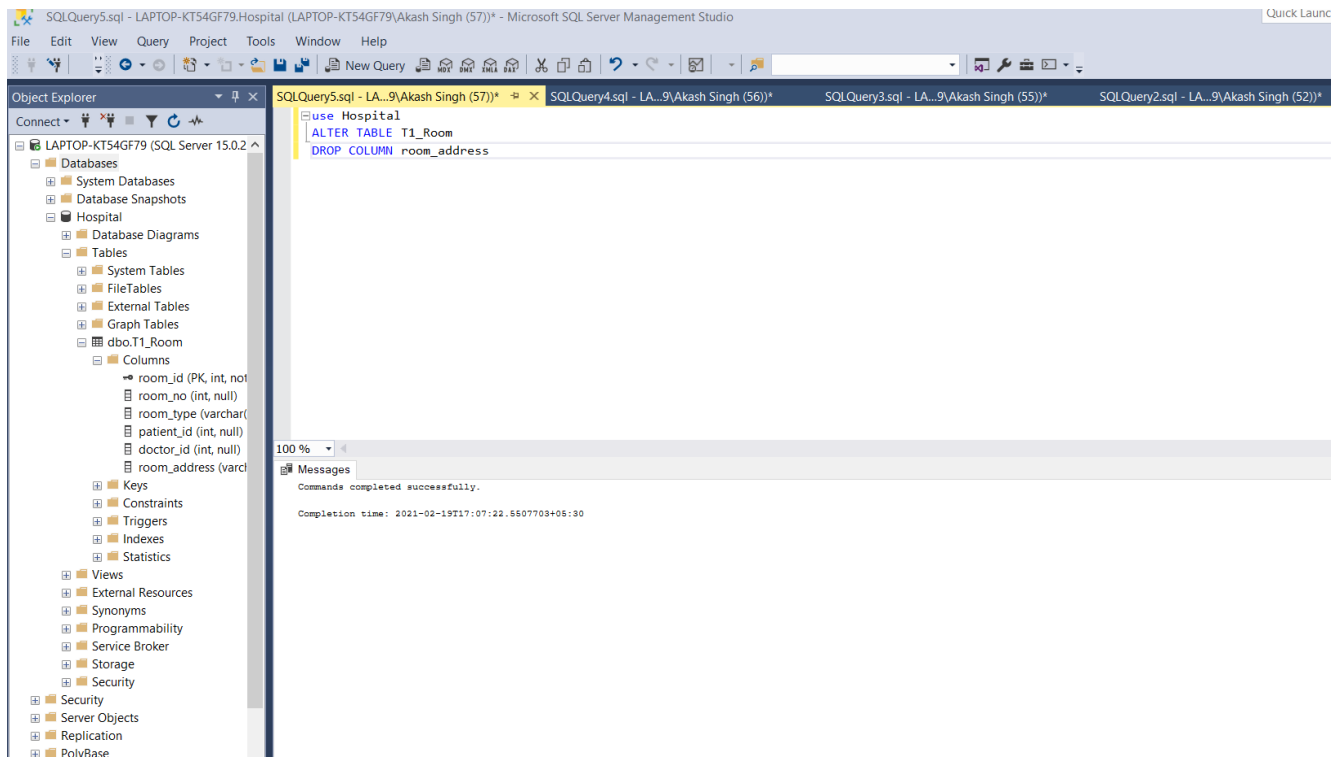
## q.1.a



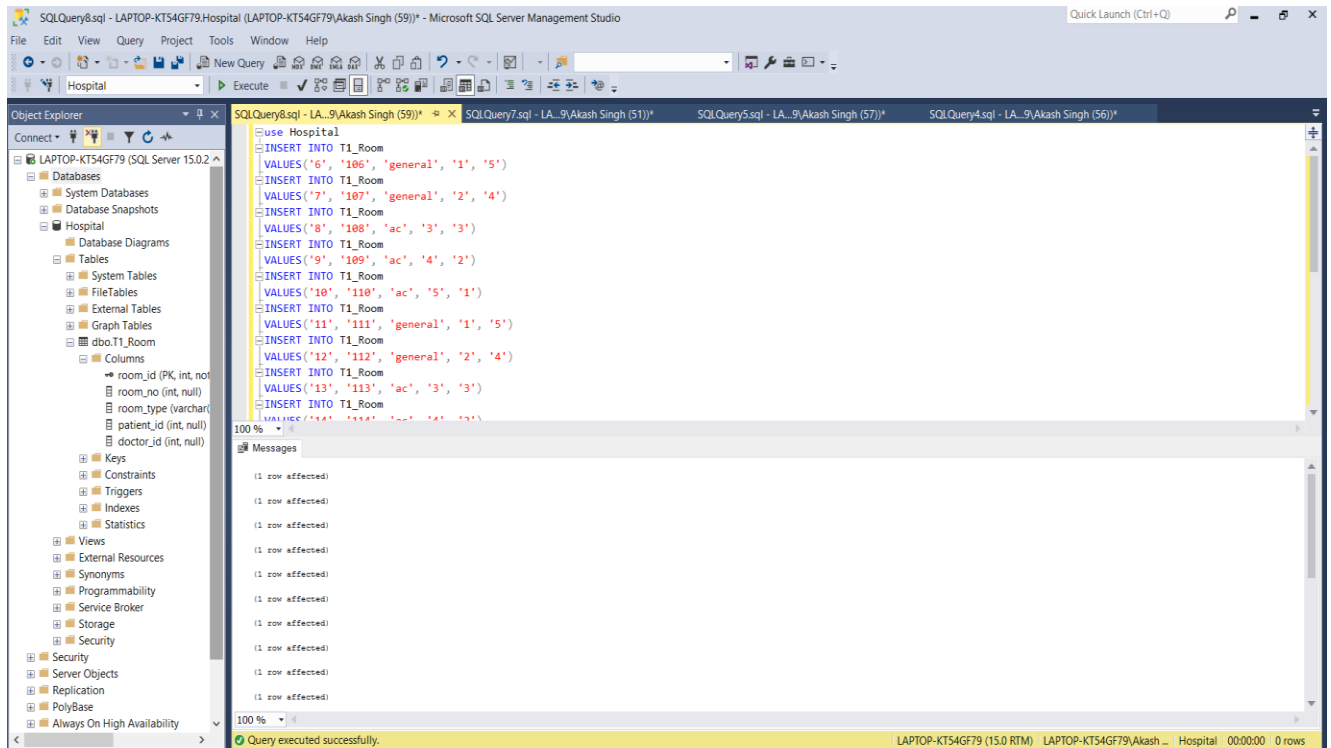
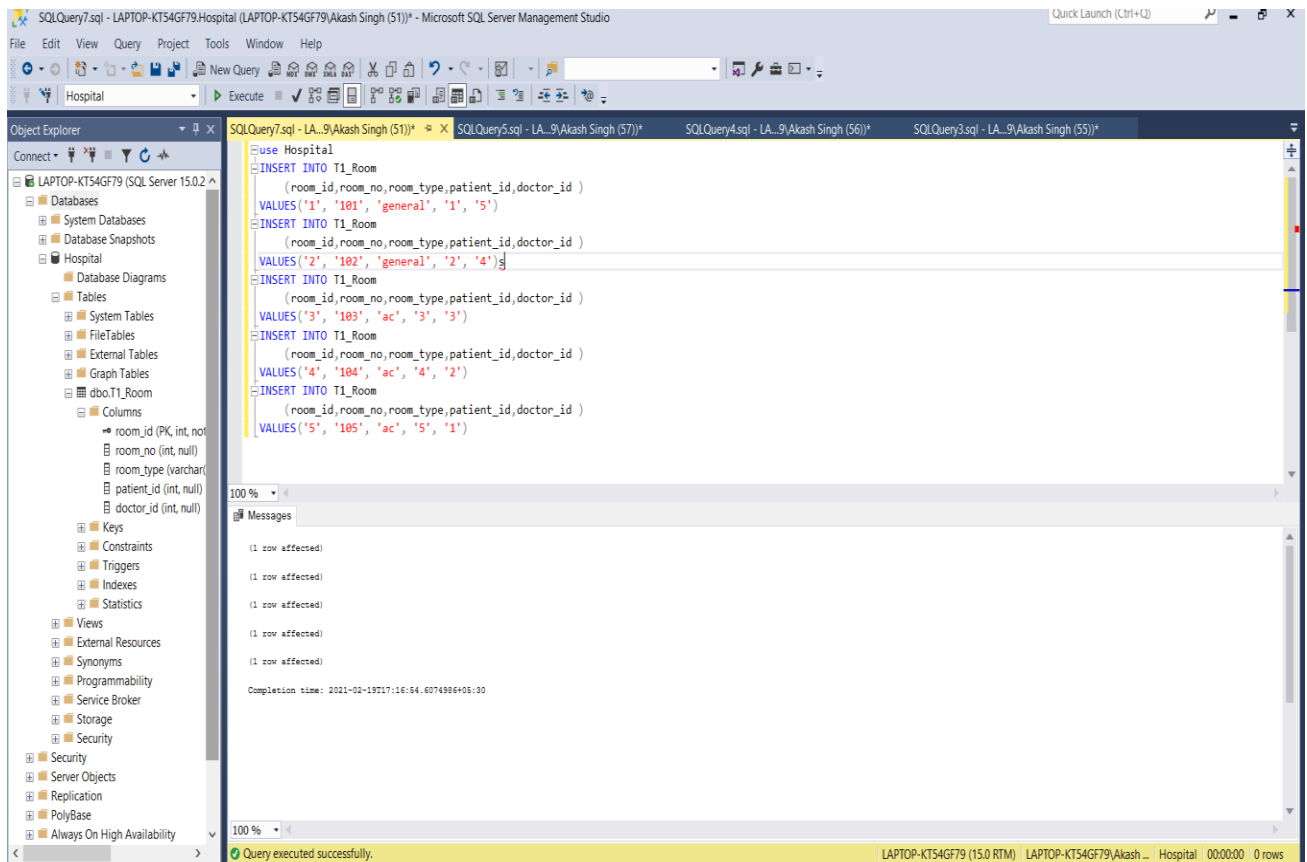
## q.1.b



q.1.c



q.2



SQLQuery9.sql - LAPTOP-KT54GF79.Hospital (LAPTOP-KT54GF79\Akash Singh (60)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

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- LAPTOP-KT54GF79 (SQL Server 15.0.2)
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        - FileTables
        - External Tables
        - Graph Tables
        - dbo.T1\_Room
          - Columns
            - room\_id (PK, int, not null)
            - room\_no (int, null)
            - room\_type (varchar(30))
            - patient\_id (int, null)
            - doctor\_id (int, null)
          - Keys
          - Constraints
          - Triggers
          - Indexes
          - Statistics
        - Views
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        - Synonyms
        - Programmability
        - Service Broker
        - Storage
        - Security
      - Security
        - Server Objects
        - Replication
        - PolyBase
        - Always On High Availability

SQLQuery9.sql - LA...9\Akash Singh (60))

```

USE Hospital
CREATE TABLE [T1_Room_temp]
(
    [room_id] INT,
    [room_no] INT,
    [room_type] VARCHAR(30),
    [patient_id] INT,
    [doctor_id] INT,
    PRIMARY KEY ([room_id])
);
INSERT INTO T1_Room_temp
VALUES('16', '186', 'general', '1', '5')
INSERT INTO T1_Room_temp
VALUES('17', '187', 'general', '2', '4')
INSERT INTO T1_Room_temp
VALUES('18', '116', 'ac', '3', '3')
INSERT INTO T1_Room_temp
VALUES('19', '117', 'ac', '4', '2')

```

100 %

Messages

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

Completion time: 2021-02-19T17:20:24.2446531+05:30

100 %

Query executed successfully. LAPTOP-KT54GF79 (15.0 RTM) LAPTOP-KT54GF79\Akash ... Hospital 00:00:00 0 rows

SQLQuery10.sql - LAPTOP-KT54GF79.Hospital (LAPTOP-KT54GF79\Akash Singh (54)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

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        - FileTables
        - External Tables
        - Graph Tables
        - dbo.T1\_Room
          - Columns
            - room\_id (PK, int, not null)
            - room\_no (int, null)
            - room\_type (varchar(30))
            - patient\_id (int, null)
            - doctor\_id (int, null)
          - Keys
          - Constraints
          - Triggers
          - Indexes
          - Statistics
        - Views
        - External Resources
        - Synonyms
        - Programmability
        - Service Broker
        - Storage
        - Security
      - Security
        - Server Objects
        - Replication
        - PolyBase
        - Always On High Availability

SQLQuery10.sql - L...9\Akash Singh (54))

```

USE Hospital
INSERT INTO T1_Room(room_id,room_no,room_type,patient_id,doctor_id)
(SELECT room_id,room_no,room_type,patient_id,doctor_id from T1_Room_temp)

```

100 %

Messages

(5 rows affected)

Completion time: 2021-02-19T17:28:51.0011177+05:30

100 %

Query executed successfully. LAPTOP-KT54GF79 (15.0 RTM) LAPTOP-KT54GF79\Akash ... Hospital 00:00:00 0 rows

SQLQuery11.sql - LAPTOP-KT54GF79.Hospital (LAPTOP-KT54GF79\Akash Singh (61)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect Hospital

Object Explorer

- LAPTOP-KT54GF79 (SQL Server 15.0.2)
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      - Tables
        - System Tables
        - FileTables
        - External Tables
        - Graph Tables
        - dbo.T1\_Room
          - Columns
            - room\_id (PK, int, not null)
            - room\_no (int, null)
            - room\_type (varchar)
            - patient\_id (int, null)
            - doctor\_id (int, null)
          - Keys
          - Constraints
          - Triggers
          - Indexes
          - Statistics
        - Views
        - External Resources
        - Synonyms
        - Programmability
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        - Storage
        - Security
      - Security
      - Server Objects
      - Replication
      - PolyBase
      - Always On High Availability

SQLQuery11.sql - L...9\Akash Singh (61))\* SQLQuery10.sql - L...9\Akash Singh (54))\* SQLQuery9.sql - LA...9\Akash Singh (60))\* SQLQuery8.sql - LA...9\Akash Singh (59))\*

FROM dbo.T1\_Room

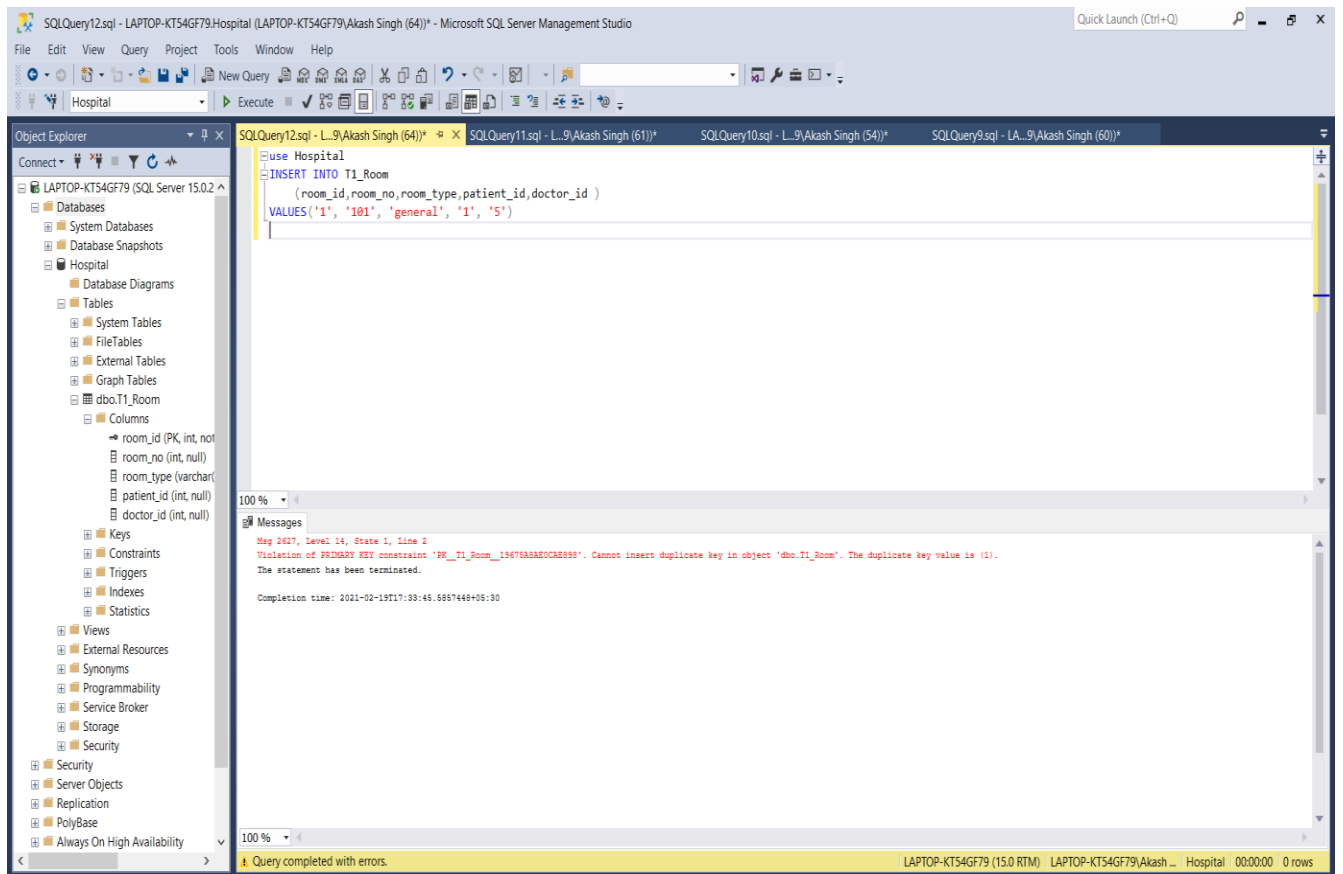
100 %

Results Messages

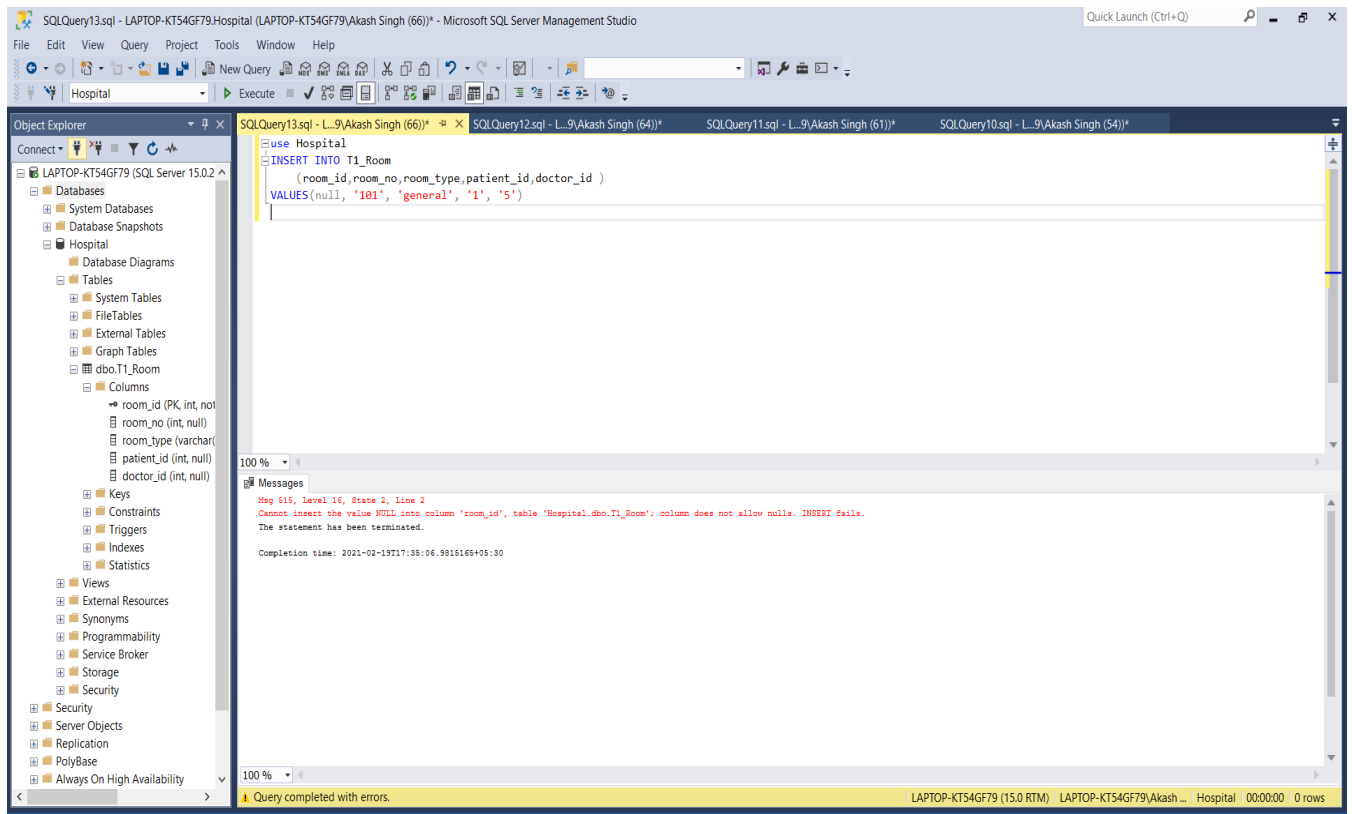
	room_id	room_no	room_type	patient_id	doctor_id
1	1	101	general	1	5
2	2	102	general	2	4
3	3	103	ac	3	3
4	4	104	ac	4	2
5	5	105	ac	5	1
6	6	106	general	1	5
7	7	107	general	2	4
8	8	108	ac	3	3
9	9	109	ac	4	2
10	10	110	ac	5	1
11	11	111	general	1	5
12	12	112	general	2	4
13	13	113	ac	3	3
14	14	114	ac	4	2
15	15	115	ac	5	1
16	16	106	general	1	5
17	17	107	general	2	4

Query executed successfully. LAPTOP-KT54GF79 (15.0 RTM) | LAPTOP-KT54GF79\Akash ... | Hospital | 00:00:00 | 20 rows

q.3.a

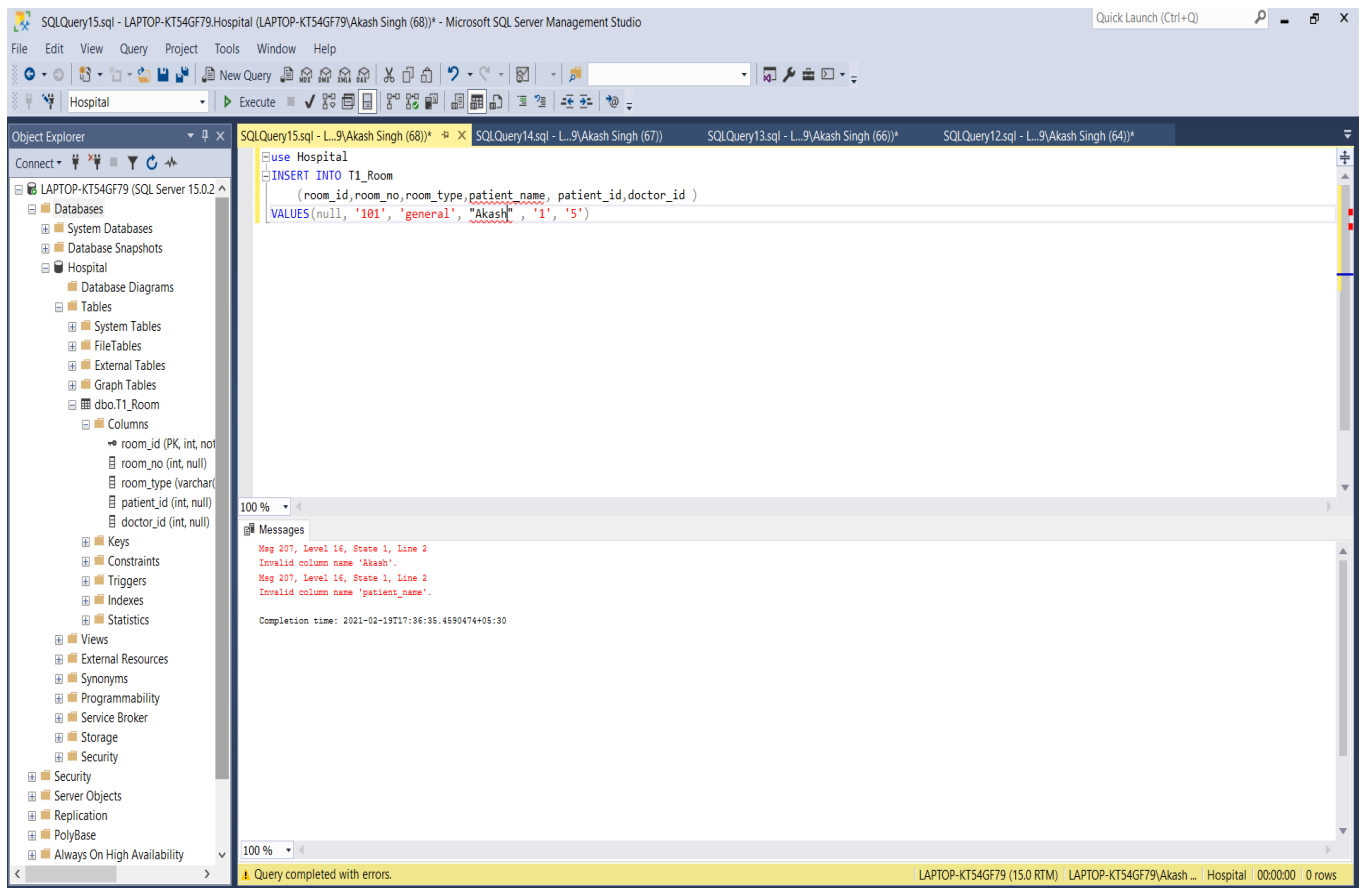


q.3.b

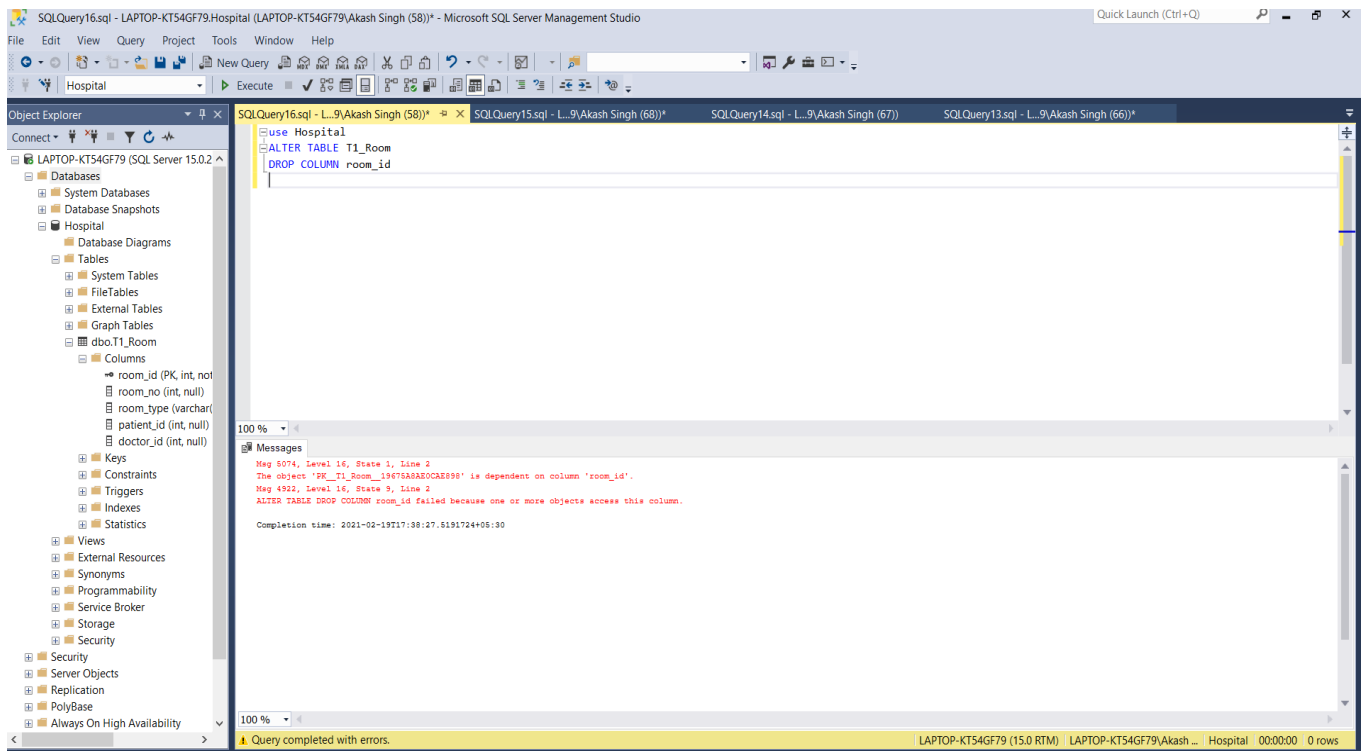


q.3.c

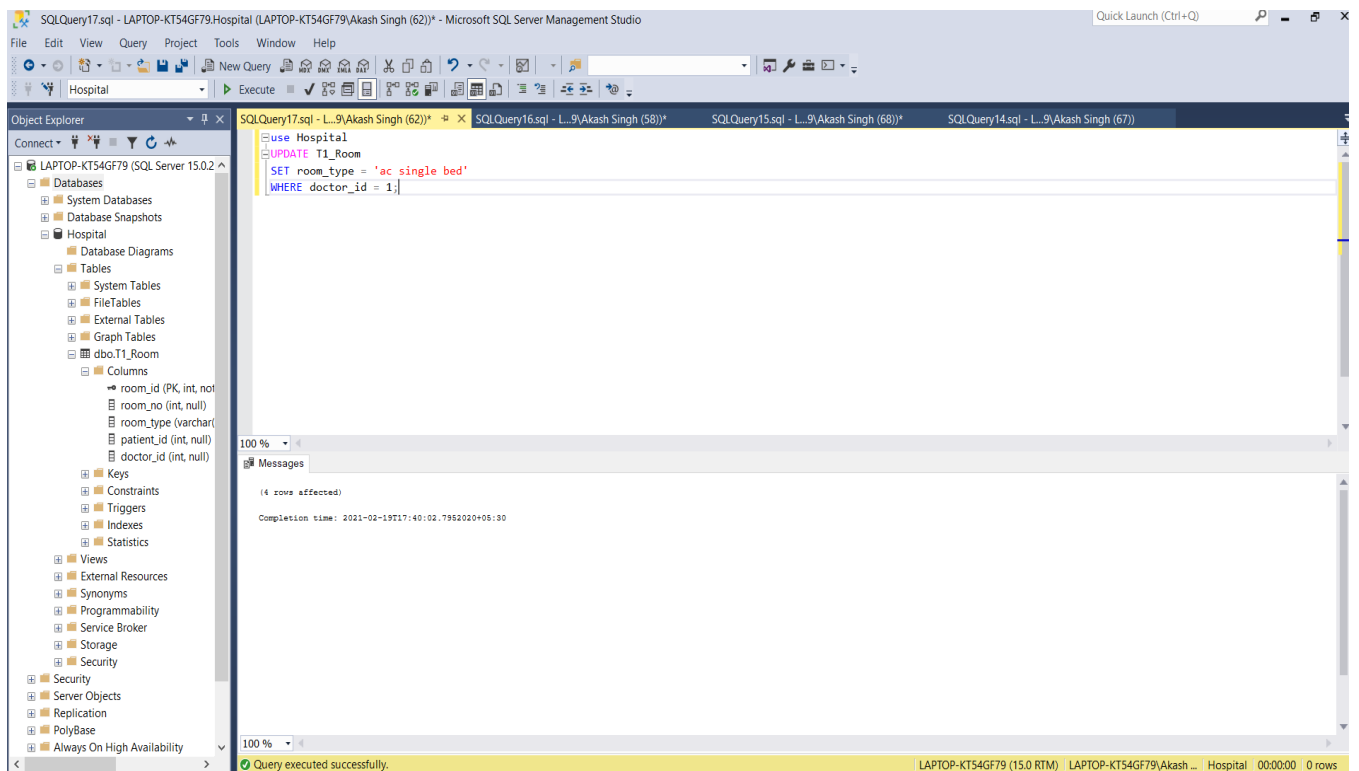




q.5



q.6



SQLQuery19.sql - LAPTOP-KT54GF79.Hospital (LAPTOP-KT54GF79\Akash Singh (69)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect LAPTOP-KT54GF79 (SQL Server 15.0.2)

Databases

- System Databases
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      - Columns
        - room\_id (PK, int, not null)
        - room\_no (int, null)
        - room\_type (varchar)
        - patient\_id (int, null)
        - doctor\_id (int, null)
  - Keys
  - Constraints
  - Triggers
  - Indexes
  - Statistics
  - Views
  - External Resources
  - Synonyms
  - Programmability
  - Service Broker
  - Storage
  - Security
  - Server Objects
  - Replication
  - PolyBase
  - Always On High Availability

SQLQuery19.sql - L...9\Akash Singh (69))\*

```
SELECT *  
FROM dbo.T1_Room
```

Results

	room_id	room_no	room_type	patient_id	doctor_id	entrydate
1	1	101	general	1	5	NULL
2	2	102	general	2	4	NULL
3	3	103	ac	3	3	NULL
4	4	104	ac	4	2	NULL
5	5	105	ac single bed	5	1	NULL
6	6	106	general	1	5	NULL
7	7	107	general	2	4	NULL
8	8	108	ac	3	3	NULL
9	9	109	ac	4	2	NULL
10	10	110	ac single bed	5	1	NULL
11	11	111	general	1	5	NULL
12	12	112	general	2	4	NULL
13	13	113	ac	3	3	NULL
14	14	114	ac	4	2	NULL
15	15	115	ac single bed	5	1	NULL
16	16	106	general	1	5	NULL
17	17	107	general	2	4	NULL

100 %

Query executed successfully. LAPTOP-KT54GF79 (15.0 RTM) LAPTOP-KT54GF79\Akash ... Hospital 00:00:00 20 rows

q.7

SQLQuery18.sql - LAPTOP-KT54GF79:Hospital (LAPTOP-KT54GF79\Akash Singh (63)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect Hospital

Object Explorer

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        - FileTables
        - External Tables
        - Graph Tables
        - dbo.T1\_Room
          - Columns
            - room\_id (PK, int, not null)
            - room\_no (int, null)
            - room\_type (varchar)
            - patient\_id (int, null)
            - doctor\_id (int, null)
          - Keys
          - Constraints
          - Triggers
          - Indexes
          - Statistics
        - Views
        - External Resources
        - Synonyms
        - Programmability
        - Service Broker
        - Storage
        - Security
      - Security
      - Server Objects
      - Replication
      - PolyBase
      - Always On High Availability

SQLQuery18.sql - L\_9\Akash Singh (63))

```
use Hospital
ALTER TABLE T1_Room
ADD entrydate date default getdate()
```

100 %

Messages

Commands completed successfully.

Completion time: 2021-02-19T17:40:44.1318642+05:30

100 %

Query executed successfully.

LAPTOP-KT54GF79 (15.0 RTM) LAPTOP-KT54GF79\Akash ... Hospital 00:00:00 0 rows