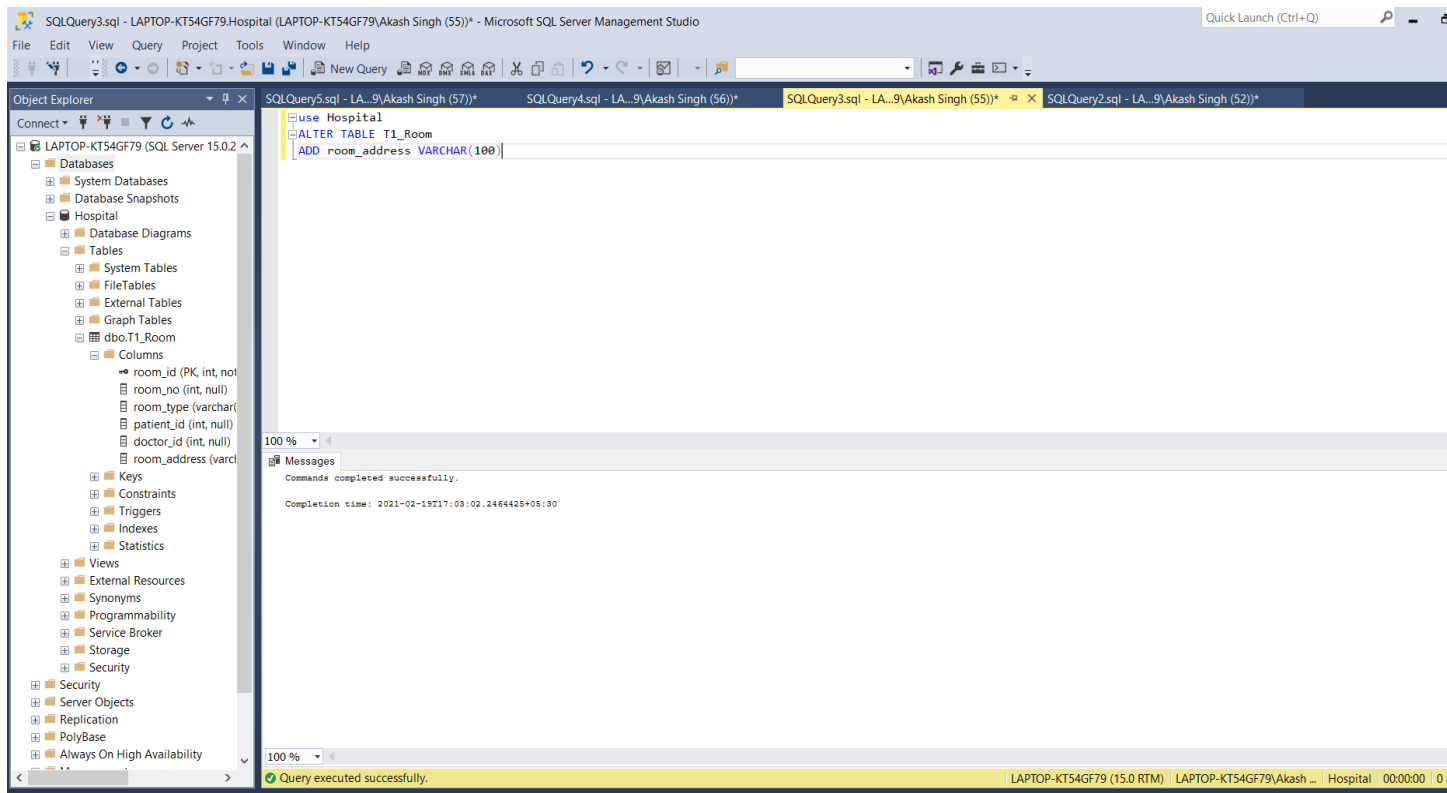


## DBMS LAB ASSIGNMENT-3

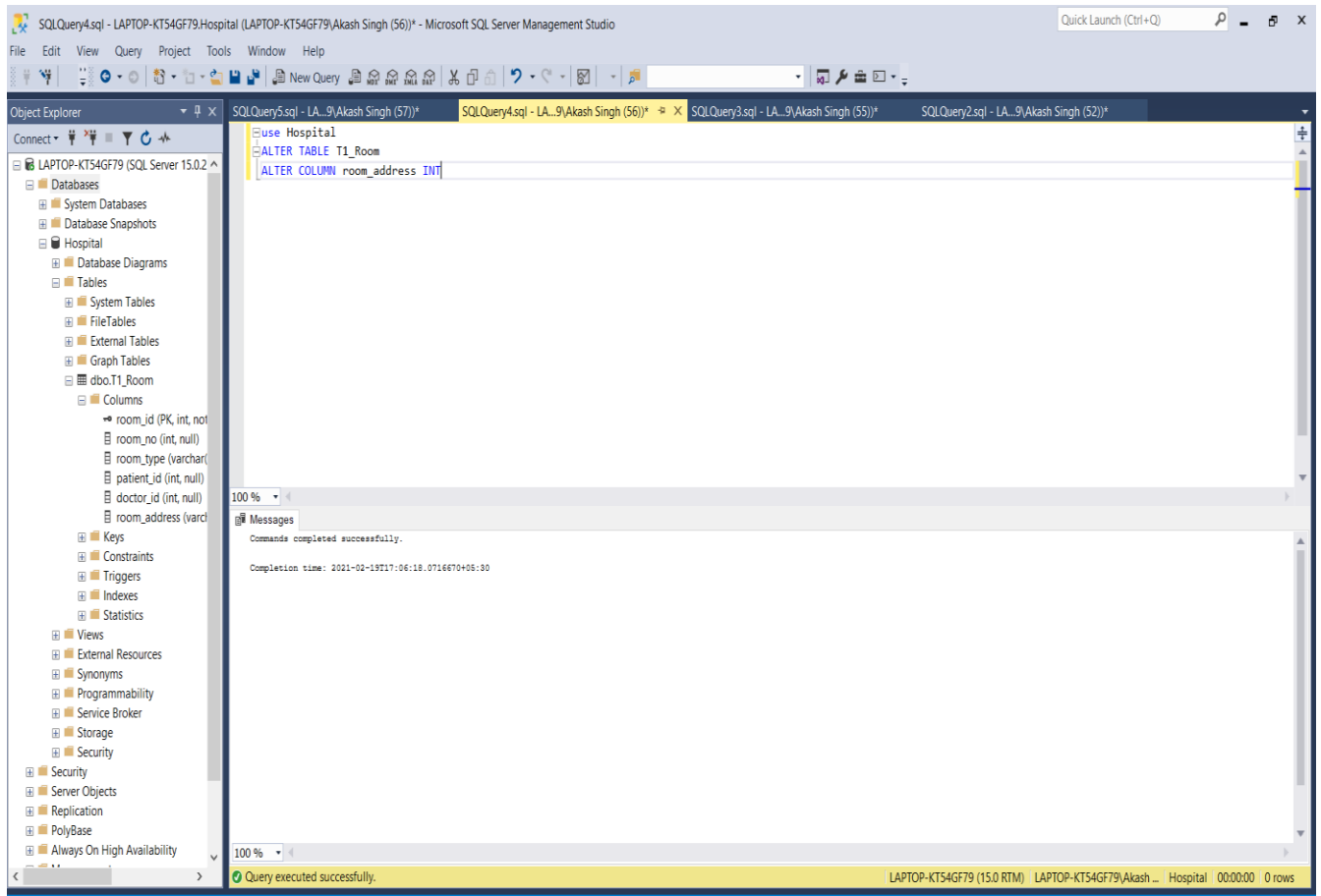
NAME:- Akash Singh

ROLL NO:-19BCS007

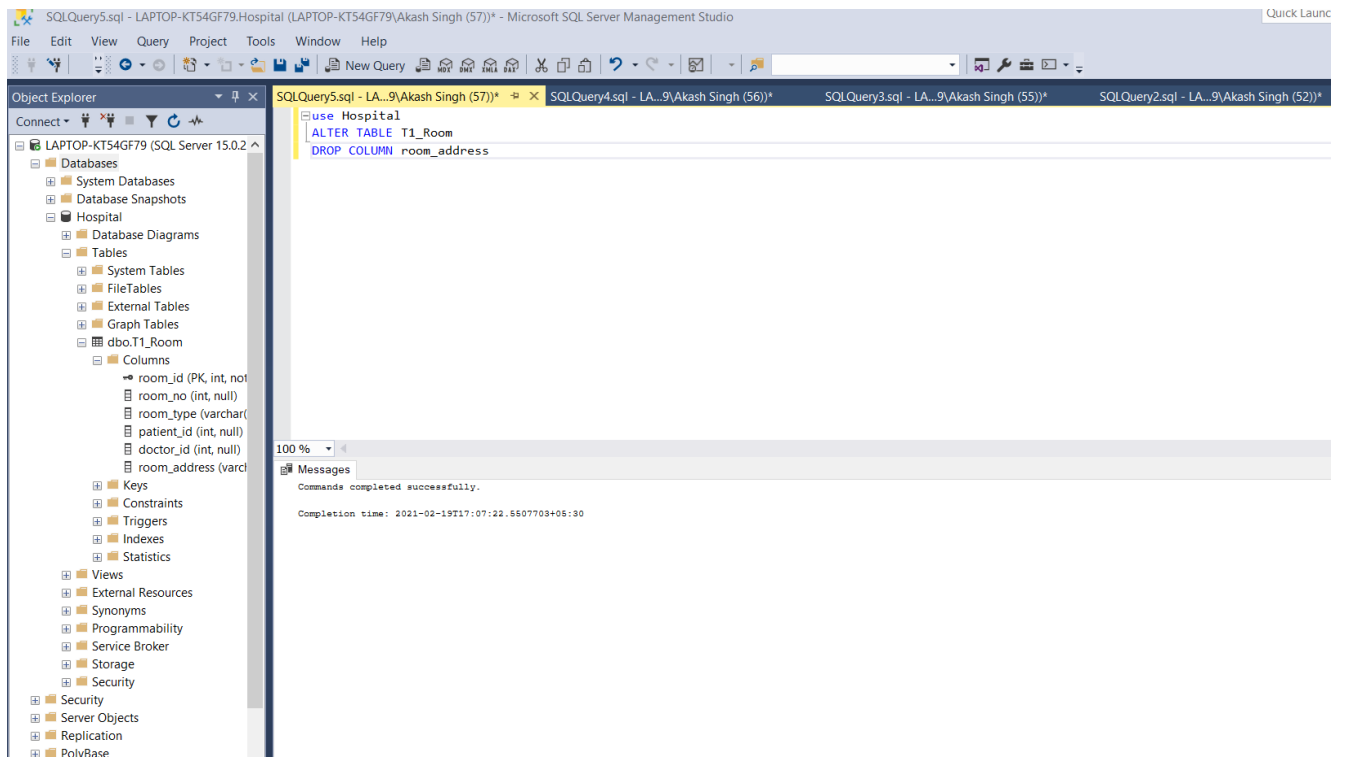
### q.1.a



### q.1.b



q.1.c



q.2

SQLQuery7.sql - LAPTOP-KT54GF79.Hospital (LAPTOP-KT54GF79\Akash Singh (51)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect > LAPTOP-KT54GF79 (SQL Server 15.0.2) > Databases > Hospital > Tables > dbo.T1\_Room

```
USE Hospital
INSERT INTO T1_Room
(room_id,room_no,room_type,patient_id,doctor_id )
VALUES('1','101','general','1','5')
INSERT INTO T1_Room
(room_id,room_no,room_type,patient_id,doctor_id )
VALUES('2','102','general','2','4')
INSERT INTO T1_Room
(room_id,room_no,room_type,patient_id,doctor_id )
VALUES('3','103','ac','3','3')
INSERT INTO T1_Room
(room_id,room_no,room_type,patient_id,doctor_id )
VALUES('4','104','ac','4','2')
INSERT INTO T1_Room
(room_id,room_no,room_type,patient_id,doctor_id )
VALUES('5','105','ac','5','1')
```

100 %

Messages

(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)

Completion time: 2021-02-19T17:16:54.6074986405:00

100 %

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

SQLQuery8.sql - LAPTOP-KT54GF79.Hospital (LAPTOP-KT54GF79\Akash Singh (59)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Connect > LAPTOP-KT54GF79 (SQL Server 15.0.2) > Databases > Hospital > Tables > dbo.T1\_Room

```
USE Hospital
INSERT INTO T1_Room
VALUES('6','106','general','1','5')
INSERT INTO T1_Room
VALUES('7','107','general','2','4')
INSERT INTO T1_Room
VALUES('8','108','ac','3','3')
INSERT INTO T1_Room
VALUES('9','109','ac','4','2')
INSERT INTO T1_Room
VALUES('10','110','ac','5','1')
INSERT INTO T1_Room
VALUES('11','111','general','1','5')
INSERT INTO T1_Room
VALUES('12','112','general','2','4')
INSERT INTO T1_Room
VALUES('13','113','ac','3','3')
INSERT INTO T1_Room
VALUES('14','114','ac','4','2')
```

100 %

Messages

(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)  
(1 row affected)

100 %

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

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

File Edit View Query Project Tools Window Help

Execute

Object Explorer

Connect

LAPTOP-KT54GF79 (SQL Server 15.0.2)

Databases

System Databases

Database Snapshots

Hospital

Database Diagrams

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(30))

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

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

Execute

Object Explorer

Connect

LAPTOP-KT54GF79 (SQL Server 15.0.2)

Databases

System Databases

Database Snapshots

Hospital

Database Diagrams

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(30))

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

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)
  - Databases
    - System Databases
    - Database Snapshots
    - Hospital
      - Database Diagrams
      - 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
        - Service Broker
        - 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

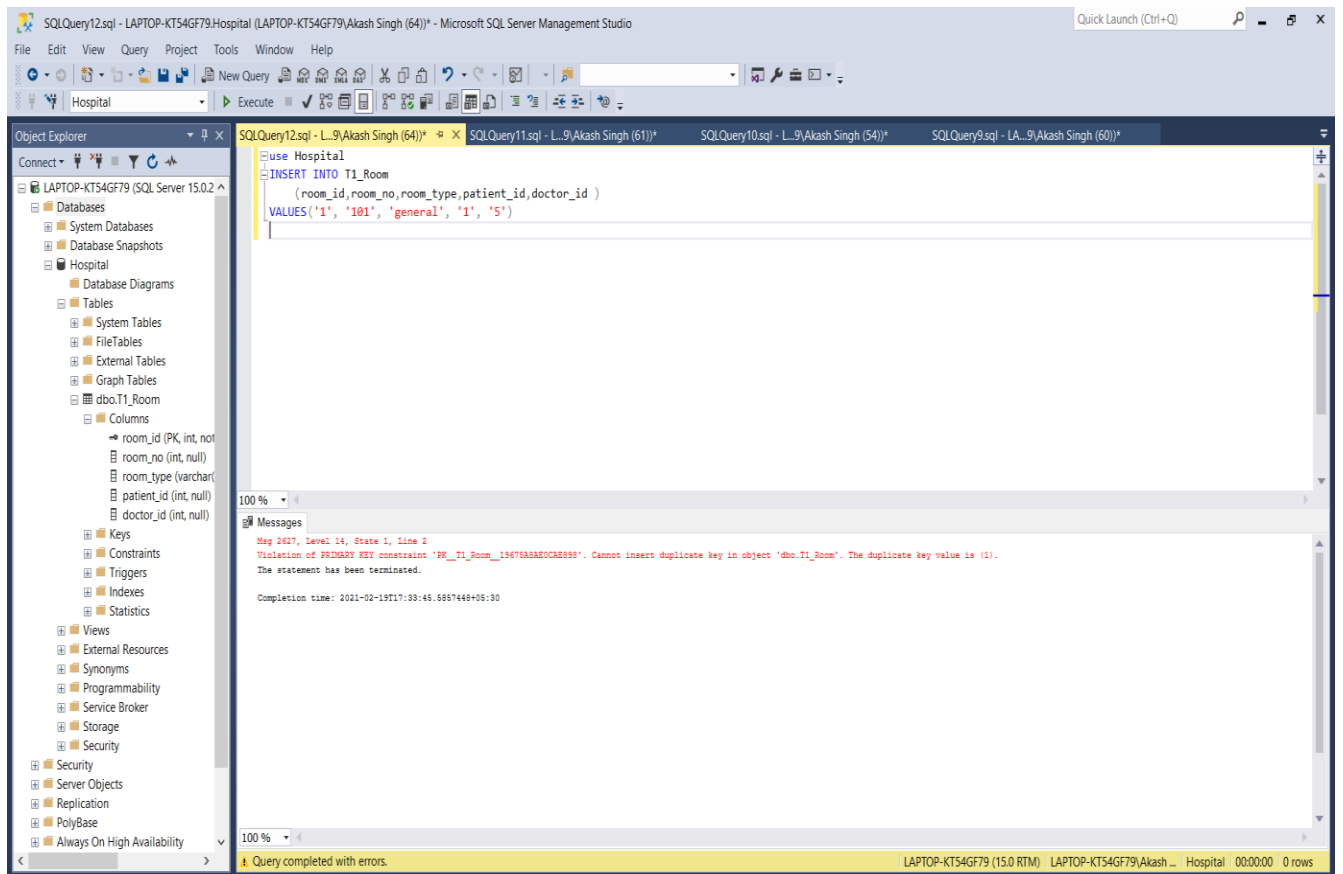
100 %

Results Messages

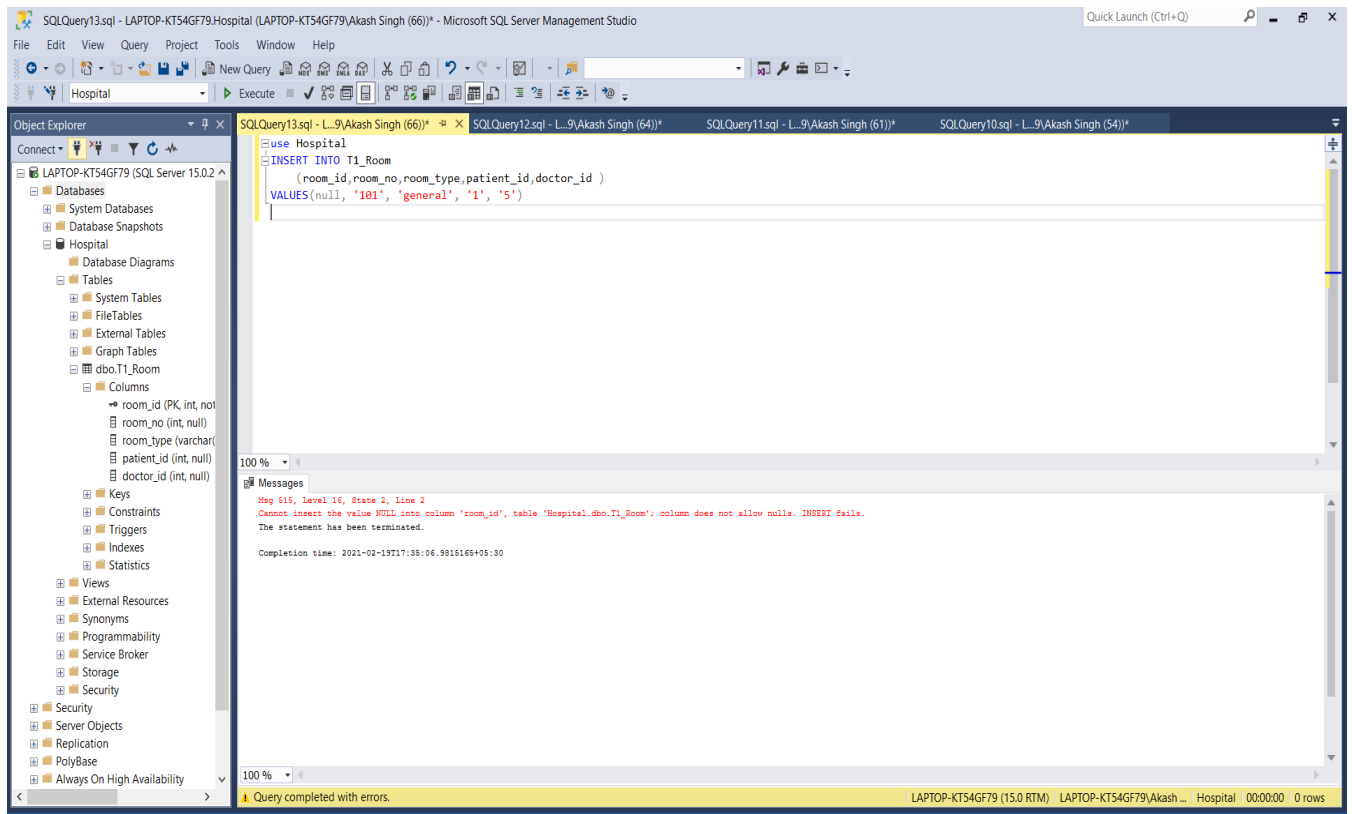
	room_id	room_no	room_type	patient_id	doctor_id
1	1	101	general	1	5
2	2	102	general	2	4
3	3	103	ac	3	3
4	4	104	ac	4	2
5	5	105	ac	5	1
6	6	106	general	1	5
7	7	107	general	2	4
8	8	108	ac	3	3
9	9	109	ac	4	2
10	10	110	ac	5	1
11	11	111	general	1	5
12	12	112	general	2	4
13	13	113	ac	3	3
14	14	114	ac	4	2
15	15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

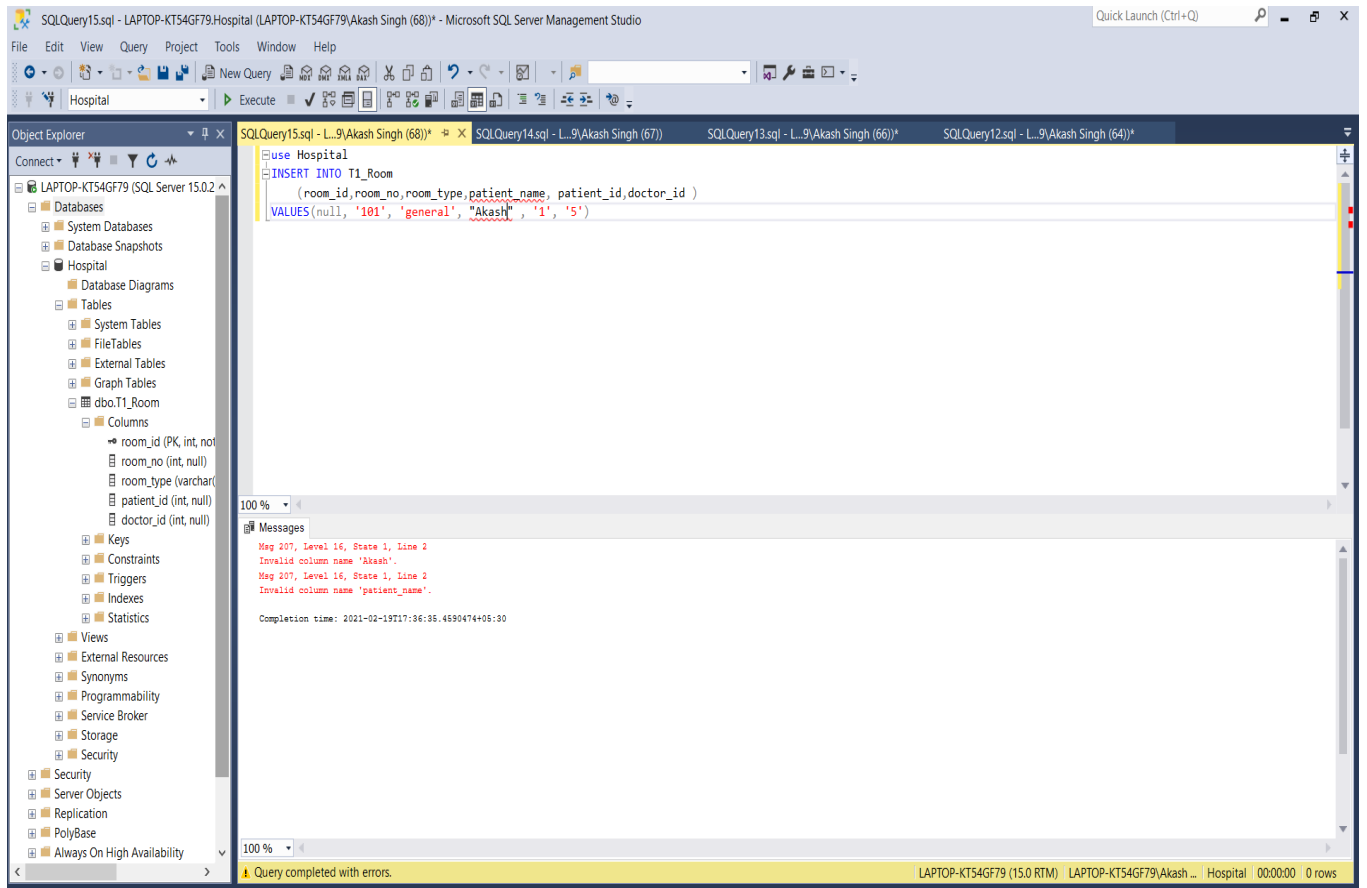


q.3.b

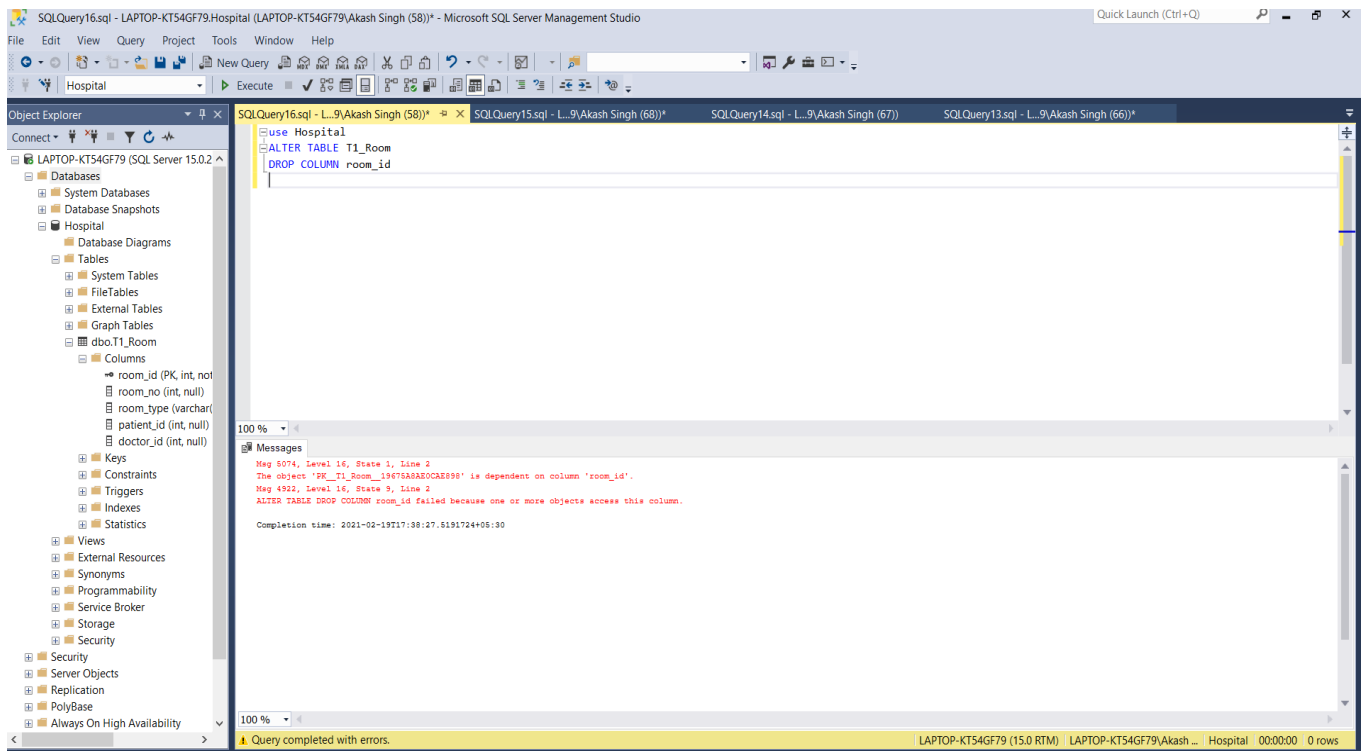


q.3.c

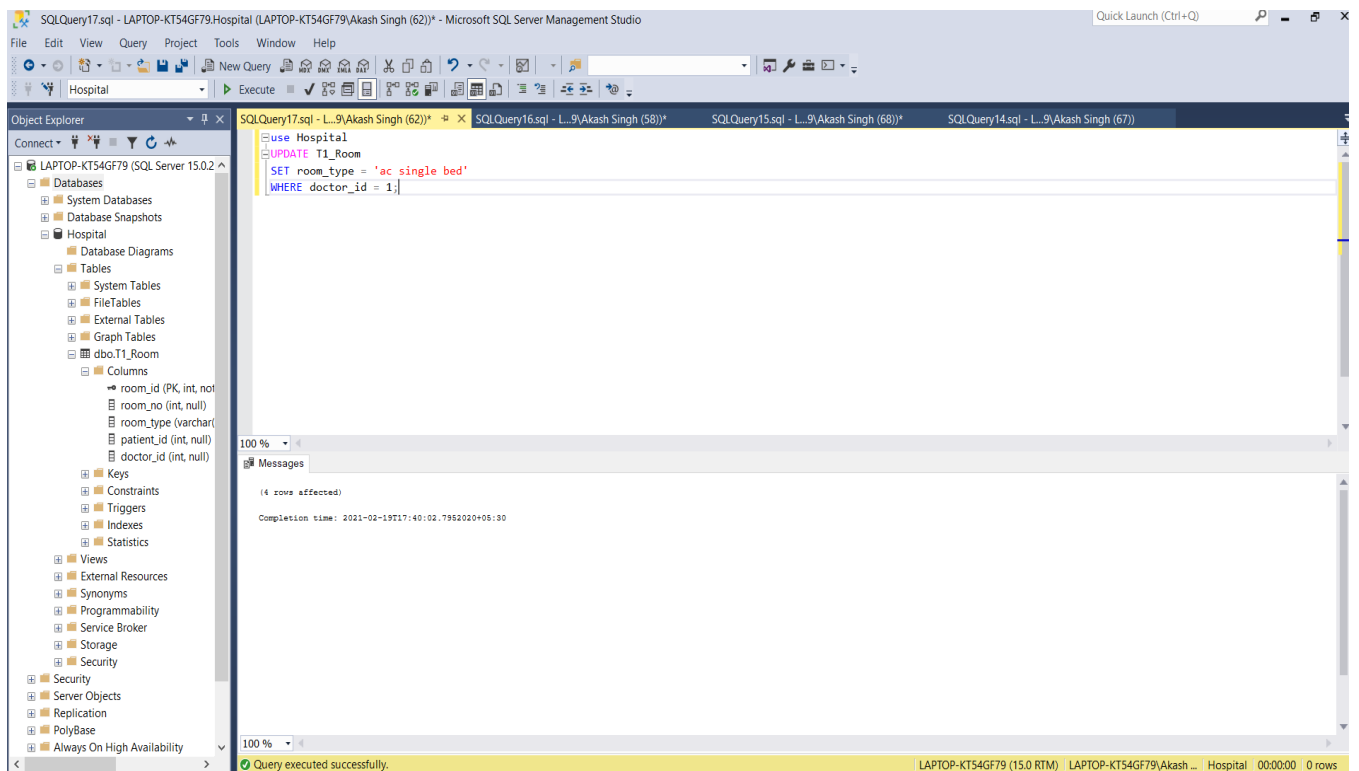




q.5



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
- Database Snapshots
- Hospital
  - Database Diagrams
  - 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
  - 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

- LAPTOP-KT54GF79 (SQL Server 15.0.2)
  - Databases
    - System Databases
    - Database Snapshots
    - Hospital
      - Database Diagrams
      - 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
        - 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