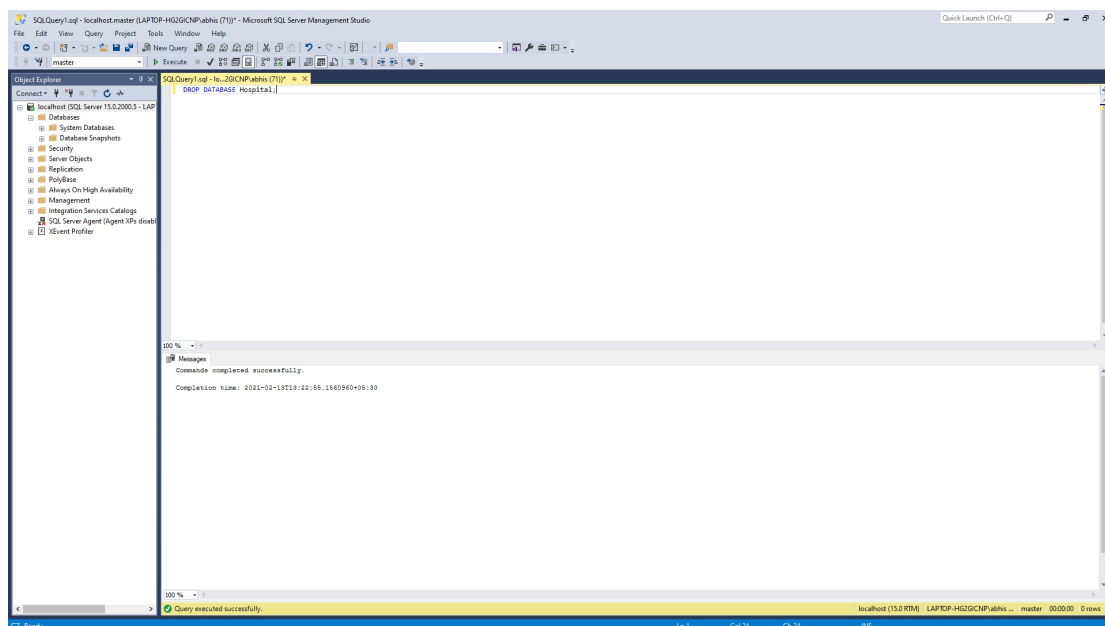
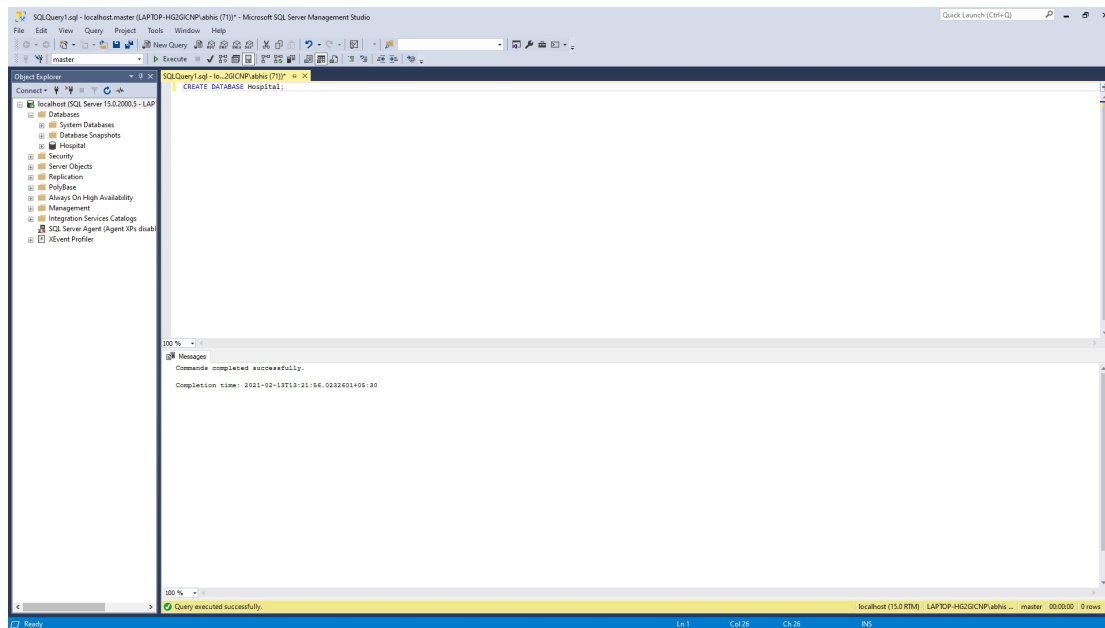


DBMS LAB ASSIGNMENT 2

Name : Abhisek Rana

Reg No. : 19BCS003

1. Show how to Create and Drop Database

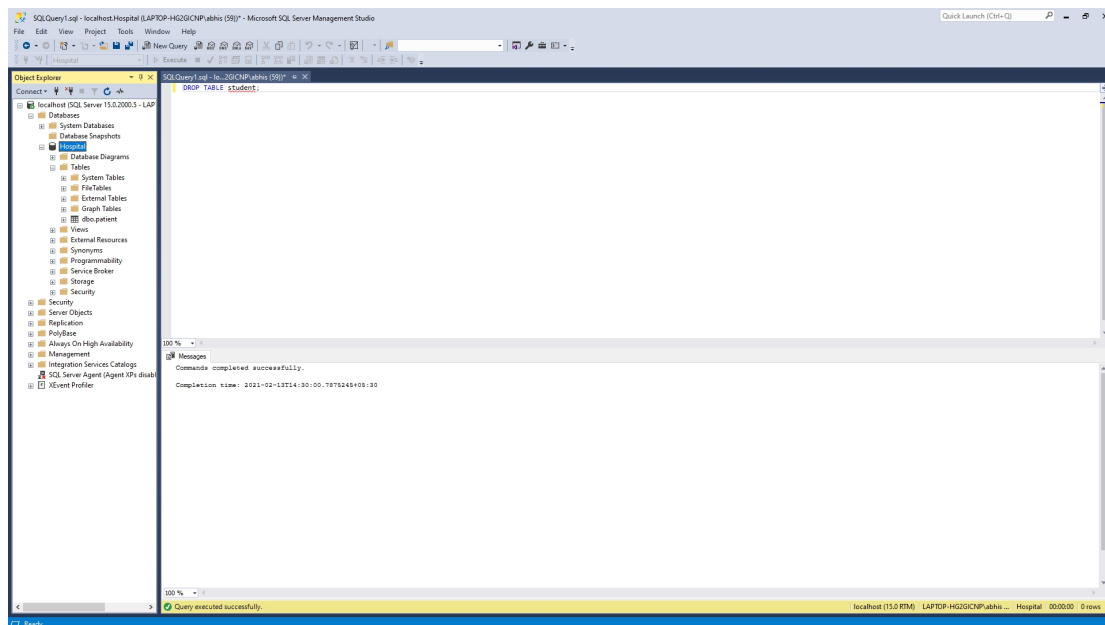
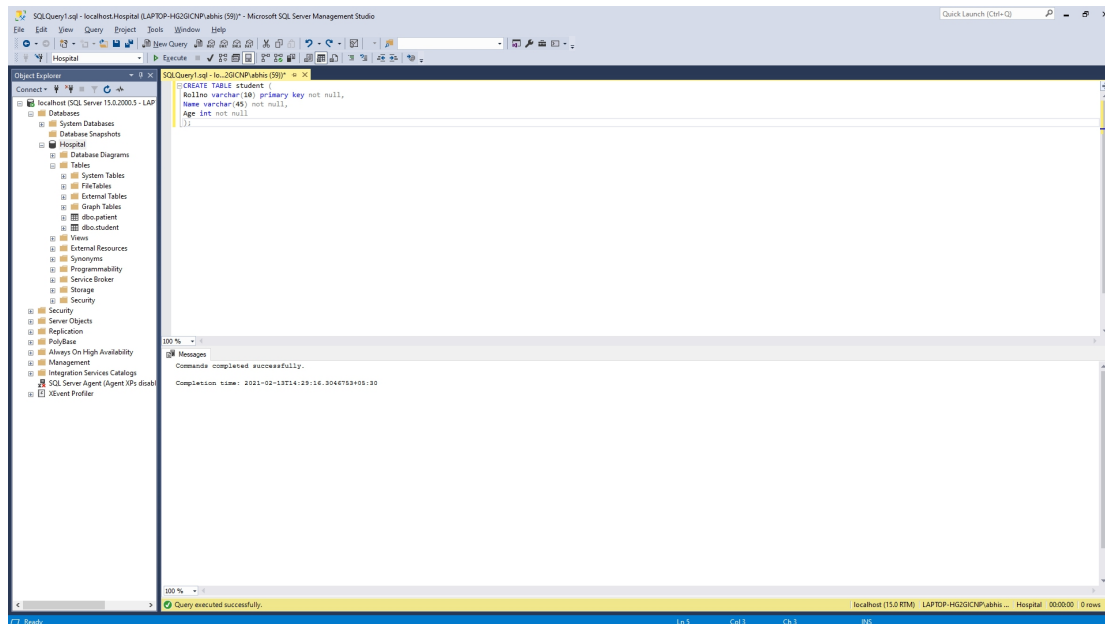


The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The Object Explorer on the left shows the database structure for 'Hospital', including tables like 'System Tables', 'FxaTables', 'External Tables', 'Graph Tables', 'dbo.patient', 'Views', 'External Resources', 'Synonyms', 'Programmability', 'Service Broker', 'Storage', 'Security', 'Security', 'Server Objects', 'Replication', 'PolyBase', 'Always On-High Availability', 'Management', 'Integration Services Catalogs', 'SQL Server Agent (Agent XP's disto)', and 'Event Profiler'. The SQL Query window on the right contains the following SQL code:

```
CREATE TABLE patient (
    ID int primary key not null,
    Name varchar(45) not null,
    Currentcase varchar(45) not null,
    Photomatter varchar(45) not null,
    Qualification varchar(45) not null,
    Salary int not null
);
```

The Results pane at the bottom shows the command completed successfully. The completion time is 2021-02-12T14:27:14.4542800165.130.

4. Drop table



5. Show how to check the schema of the tables

The screenshot shows the SQL Server Enterprise interface. The left pane displays the 'Hospital' database structure, including tables, views, and security. The right pane shows the results of a query executed in the 'SQLQuery1.sql' window. The query is 'sp_help patient;'. The results pane displays the schema of the 'patient' table, including columns, indexes, and constraints.

| Column Name | Type | Computed | Length | PREC | Scale | Nullable | Text/Trailing Blanks | FixedLen/Null/Source | Collation |
|---------------|---------|----------|--------|------|-------|----------|----------------------|------------------------------|-----------|
| ID | int | no | 4 | 10 | 0 | no | (n/a) | (n/a) | NULL |
| Name | varchar | no | 45 | | | no | no | SQL_Latin1_General_CP1_CI_AS | |
| Currenttime | varchar | no | 45 | | | no | no | SQL_Latin1_General_CP1_CI_AS | |
| Phonenumber | varchar | no | 45 | | | no | no | SQL_Latin1_General_CP1_CI_AS | |
| Qualification | varchar | no | 45 | | | no | no | SQL_Latin1_General_CP1_CI_AS | |
| Salary | int | no | 4 | 10 | 0 | no | (n/a) | (n/a) | NULL |

Below the table, the 'Indexes' section shows the primary key 'PK_patient_3214EC271F08E37'.

| Index Name | Index Description | Index Keys |
|----------------------------|---|------------|
| PK_patient_3214EC271F08E37 | clustered, unique, primary key located on PRIMARY | ID |

The 'Constraints' section shows the primary key 'PK_patient_3214EC271F08E37'.

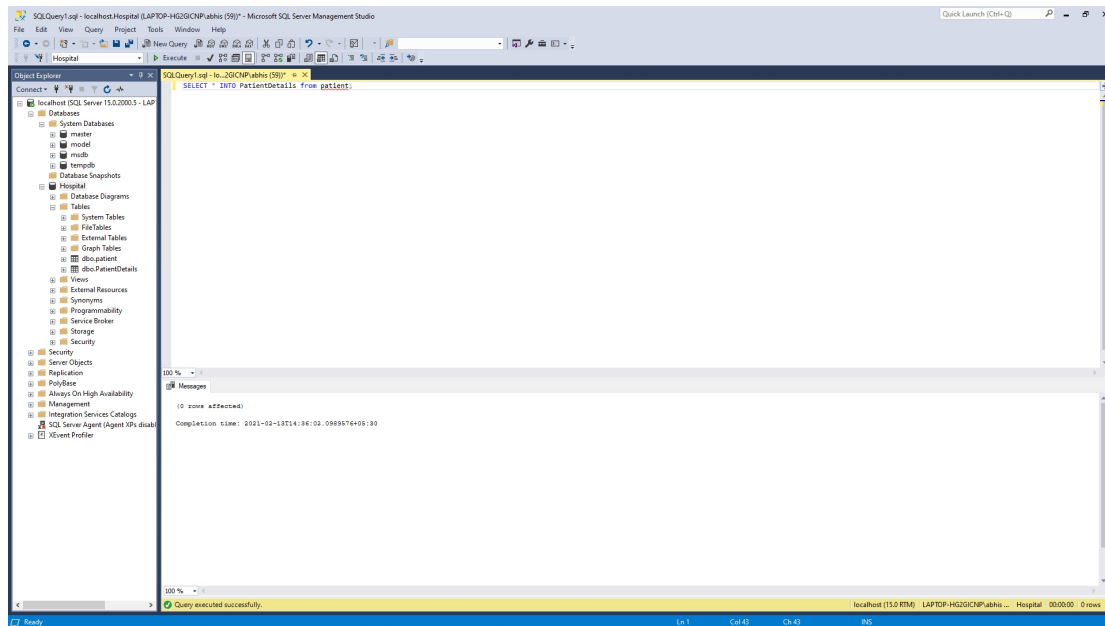
| Constraint Type | Constraint Name | Delete Action | Update Action | Status Enabled | Status For Replication | Constraint Keys |
|-------------------------|----------------------------|---------------|---------------|----------------|------------------------|-----------------|
| PRIMARY KEY (clustered) | PK_patient_3214EC271F08E37 | (n/a) | (n/a) | (n/a) | (n/a) | ID |

6. Show all the tables from the database

The screenshot shows the SQL Server Enterprise interface. The left pane displays the 'Hospital' database structure, including tables, views, and security. The right pane shows the results of a query executed in the 'SQLQuery1.sql' window. The query is 'SELECT * FROM SYSOBJECTS WHERE xtype='U';'. The results pane displays a list of all tables in the database.

| name | id | xtype | uid | info | status | base_schema_ver | repinfo | parent_obj | ordate | fileid | schema_ver | data_schema_ver | type | userstat | sysstat | indexid | refdate | version | debtg | instg | updtg | sebtg | category | cache |
|---------|-----------|-------|-----|------|--------|-----------------|---------|------------|-------------------------|--------|------------|-----------------|------|----------|---------|---------|-------------------------|---------|-------|-------|-------|-------|----------|-------|
| patient | 581577110 | U | 1 | 0 | 0 | 0 | 0 | 0 | 2021-02-13 14:27:10.553 | 0 | 0 | 0 | U | 1 | 3 | 0 | 2021-02-13 14:27:10.553 | 0 | 0 | 0 | 0 | 0 | 0 | |

7. Create Table using Select Statement .



8. Create a table which has derived attribute.

