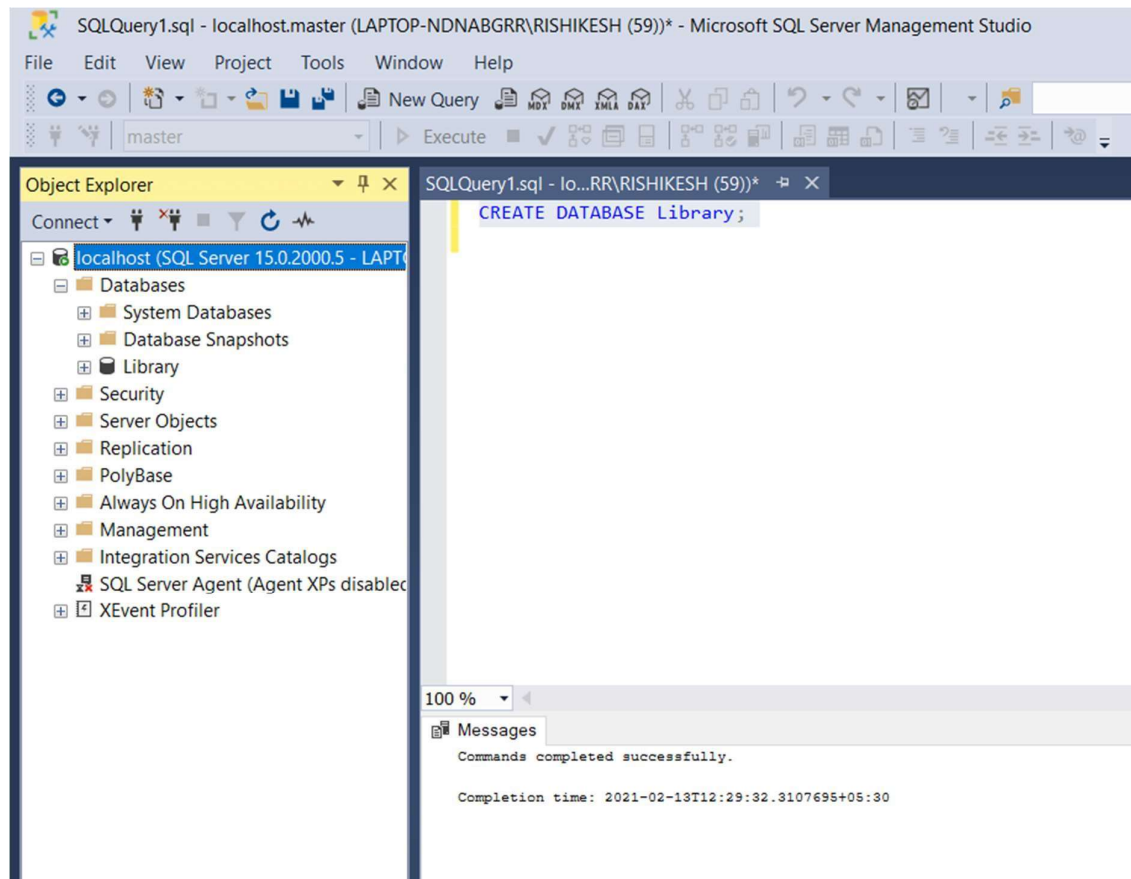


# DBMS LAB ASSIGNMENT-2

NAME : MATHANGI SRAVAN

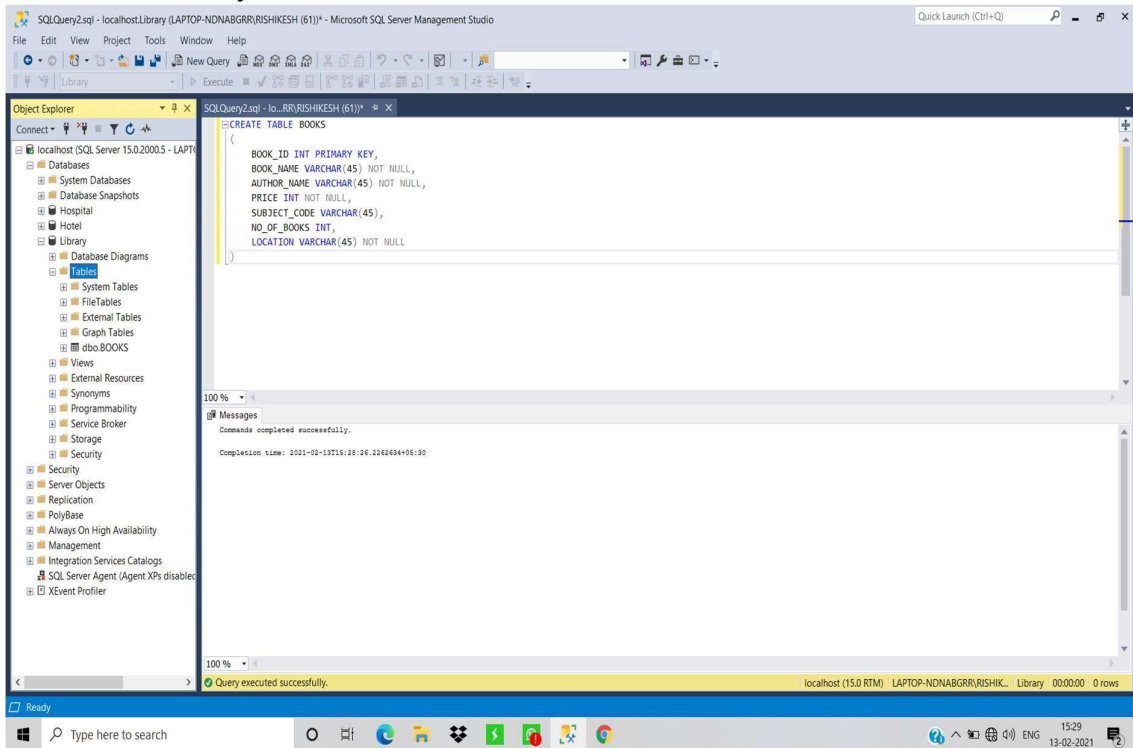
ROLL NO : 19BCS068

1. Show how to Create and Drop Database.

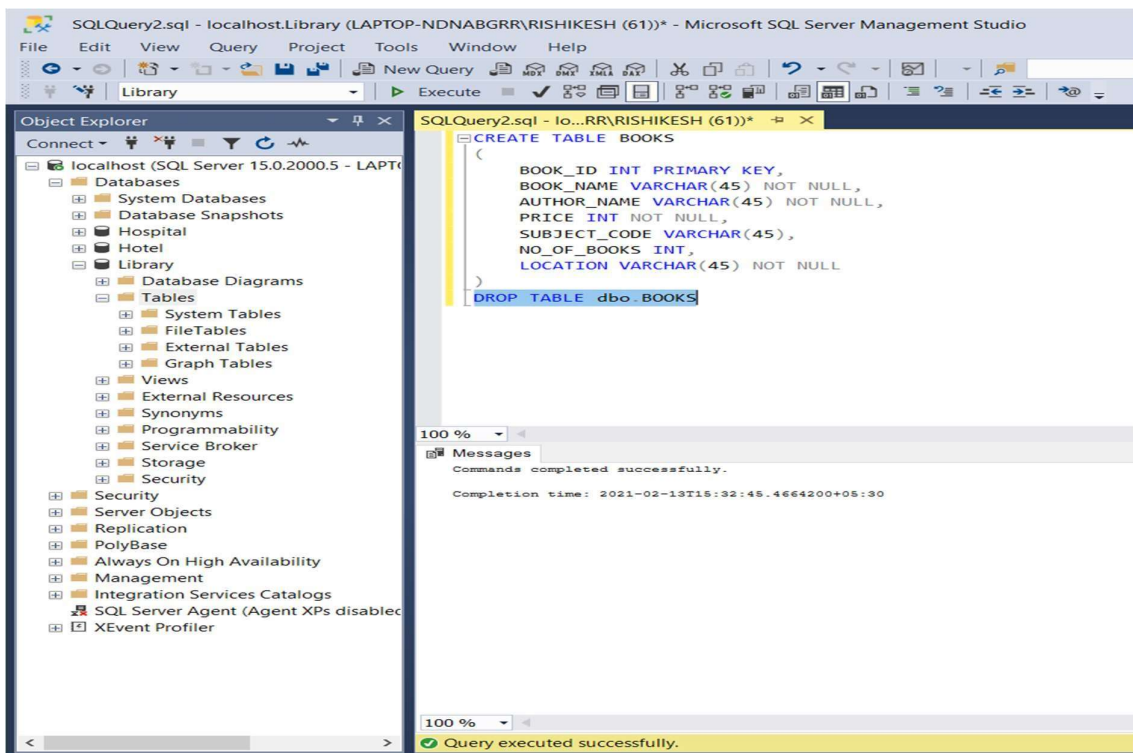




### 3. Create Table for your Database



### 4. Drop table



## 5. Show how to check the schema of the tables

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'localhost (SQL Server 15.0.2000.5 - LAPTE)'. The 'Library' database is expanded, showing 'Tables' and 'dbo.BOOKS'. The query window on the right contains the command `sp_help BOOKS;`. The Results pane at the bottom displays the schema information for the 'BOOKS' table.

Name	Owner	Type	Created_datetime
BOOKS	dbo	user table	2021-02-13 15:44:09.880

Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrimTrailingBlanks	FixedLenNullInSource	Collation
BOOK_ID	int	no	4	10	0	no	(n/a)	(n/a)	NULL
BOOK_NAME	varchar	no	45			no	no	no	SQL_Latin1_General_CP1_CI_AS
AUTHOR_NAME	varchar	no	45			no	no	no	SQL_Latin1_General_CP1_CI_AS
PRICE	int	no	4	10	0	no	(n/a)	(n/a)	NULL
SUBJECT_CODE	varchar	no	45			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
NO_OF_BOOKS	int	no	4	10	0	yes	(n/a)	(n/a)	NULL
LOCATION	varchar	no	45			no	no	no	SQL_Latin1_General_CP1_CI_AS

Identity	Seed	Increment	Not For Replication	
1	No identity column defined.	NULL	NULL	NULL

RowGuidCol	
1	No rowguidcol column defined.

Data_located_on_filegroup	
1	PRIMARY

Query executed successfully.

## 6. Show all the tables from the database (This is not done in class.)

SQLQuery6.sql - localhost:Library (LAPTOP-NDNABGRR/RISHIKESH (67)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Library

Object Explorer

Connect +

localhost (SQL Server 15.0.2000.5 - LAPTOP-NDNABGRR/RISHIKESH (67))

Databases

System Databases

Database Snapshots

Hospital

Hotel

Library

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.BOOKS

dbo.FACULTY

dbo.LIBRARIAN

dbo.PERIODICALS

dbo.STAFF

dbo.STUDENT

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

Server Objects

Replication

PolyBase

Always On High Availability

Management

Integration Services Catalog

SQL Server Agent (Agent XPs disabled)

XE Event Profiler

SQLQuery7.sql - lo...RISHIKESH (58))

SQLQuery8.sql - lo...RISHIKESH (60))

SQLQuery9.sql - lo...RISHIKESH (54))

SELECT \* FROM SYSOBJECTS WHERE xtype='U'

Results

	name	id	xtype	uid	info	status	base_schema_ver	replinfo	parent_obj	create_date	fileid	schema_ver	data_schema_ver	type	userstat	sysstat	indexstat	refdate	version	deflog	instlog	updt
1	BOOKS	6935779509	U	1	0	0	0	0	0	2021-02-13 15:44:09.880	0	0	0	U	1	3	0	2021-02-13 15:44:09.880	0	0	0	0
2	STUDENT	725577823	U	1	0	0	0	0	0	2021-02-13 16:23:42.120	0	0	0	U	1	3	0	2021-02-13 16:23:42.120	0	0	0	0
3	FACULTY	757577737	U	1	0	0	0	0	0	2021-02-13 16:55:47.337	0	0	0	U	1	3	0	2021-02-13 16:55:47.337	0	0	0	0
4	STAFF	805577908	U	1	0	0	0	0	0	2021-02-13 17:00:12.230	0	0	0	U	1	3	0	2021-02-13 17:00:12.230	0	0	0	0
5	PERIODICALS	837578022	U	1	0	0	0	0	0	2021-02-13 17:06:06.917	0	0	0	U	1	3	0	2021-02-13 17:06:06.917	0	0	0	0
6	LIBRARIAN	869578136	U	1	0	0	0	0	0	2021-02-13 17:13:43.320	0	0	0	U	1	3	0	2021-02-13 17:13:43.320	0	0	0	0

100 %

Messages

Query executed successfully.

localhost (15.0 RTM) LAPTOP-NDNABGRR/RISHIK... Library 00:00:00 6 rows

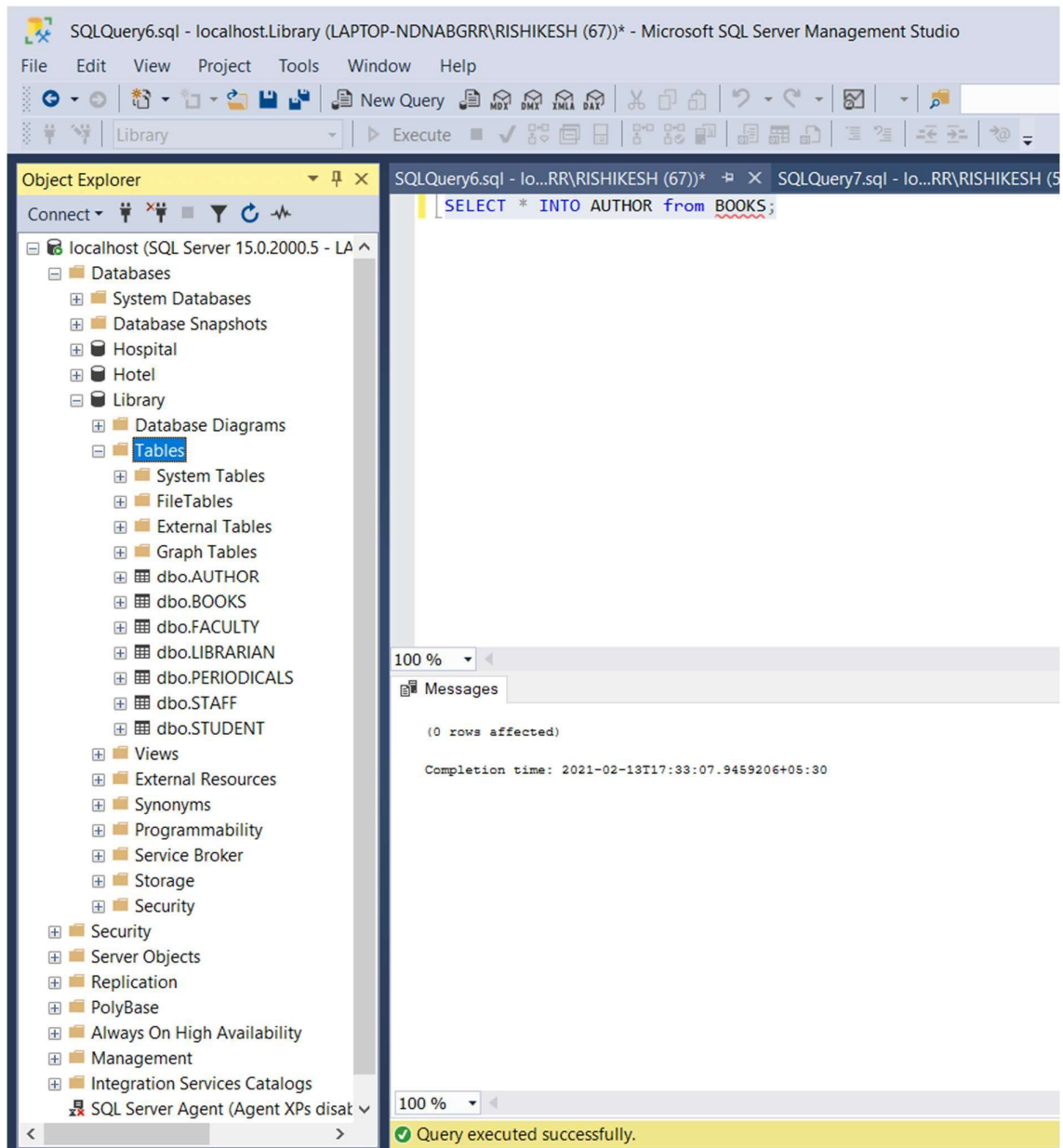
Ready

Type here to search

Un 10 Col 41 Ch 41 INS

17:16 13-02-2021

7. Create Table using Select Statement (I haven't showed you this. I want you to try, it is very simple you should not have any problem).



8. Create a table which has derived attribute. (Example can be Age is a derived attribute from Date of Birth. You should try this as well).

SQLQuery6.sql - localhost.Library (LAPTOP-NDNABGRR\RISHIKESH (67))\* - Microsoft SQL Server Management Studio

File Edit View Project Tools Window Help

Library Execute

Object Explorer

Connect

localhost (SQL Server 15.0.2000.5 - LA ^

- Databases
  - System Databases
  - Database Snapshots
  - Hospital
  - Hotel
  - Library
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.AUTHOR
      - dbo.BOOK\_RECORD
      - dbo.BOOKS
      - dbo.FACULTY
      - dbo.LIBRARIAN
      - dbo.PERIODICALS
      - dbo.STAFF
      - dbo.STUDENT
    - Views
    - External Resources
    - Synonyms
    - Programmability
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    - Storage
    - Security
  - Security
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  - Always On High Availability
  - Management
  - Integration Services Catalogs

SQLQuery4.sql - lo...RR\RISHIKESH (54))\*

```
CREATE TABLE BOOK_RECORD
(
    BOOK_ID INT PRIMARY KEY NOT NULL,
    ISSUED_DATE VARCHAR(15) NOT NULL,
    EXPIRY_DATE VARCHAR(15) NOT NULL,
    FINE AS DATEDIFF(YEAR, EXPIRY_DATE, GETDATE())
)
```

SQLQuery6.sql - lo...RR\RISHIKESH (67))\*

100 %

Messages

Commands completed successfully.

Completion time: 2021-02-13T17:42:55.5573498+05:30

100 %

Query executed successfully.