

DBMS LAB ASSIGNMENT-2

Submitted by:

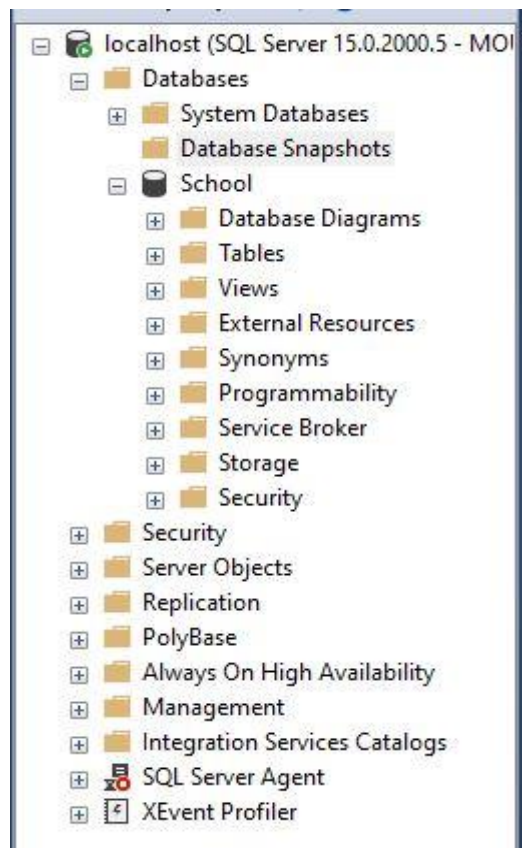
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1. Show how to Create and Drop Database

Query to create Database:

CREATE DATABASE School;

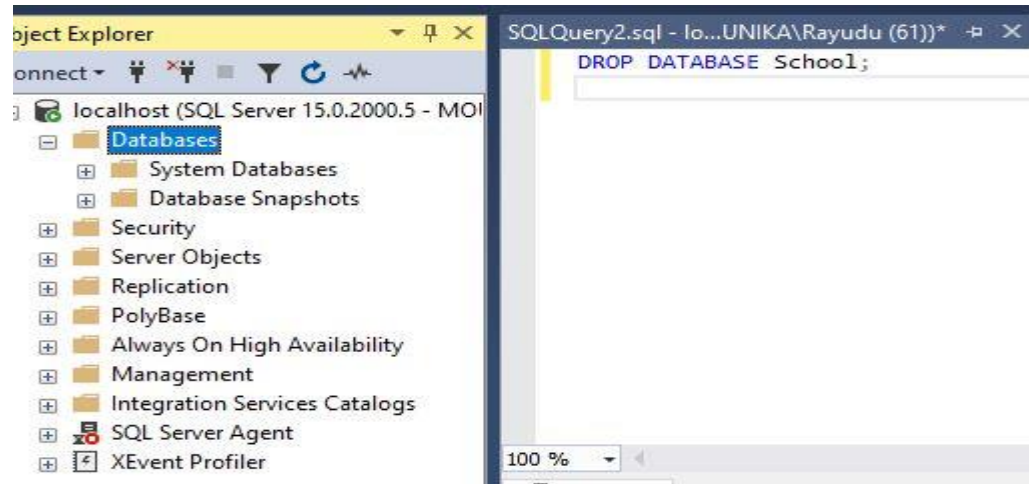
Output:



Query to drop Database:

DROP DATABASE School;

Output:



2. Show all the Databases that are in the system

Query:

```
USE [School DB];  
GO  
SELECT Name AS DatabaseName, database_id AS ID  
FROM sys.databases;  
GO
```

Output:

The image shows a screenshot of the SQL Server Enterprise Manager interface. The top pane shows the query window titled 'SQLQuery3.sql - lo...UNIKA\Rayudu (52))*' containing the SQL commands: 'USE [School DB];', 'GO', 'SELECT Name AS DatabaseName, database_id AS ID', 'FROM sys.databases;', and 'GO'. The bottom pane shows the 'Results' tab with a table containing 5 rows and 2 columns: 'DatabaseName' and 'ID'. The rows are: 1 master, 2 tempdb, 3 model, 4 msdb, and 5 School DB. The status bar at the bottom indicates '100 %' zoom.

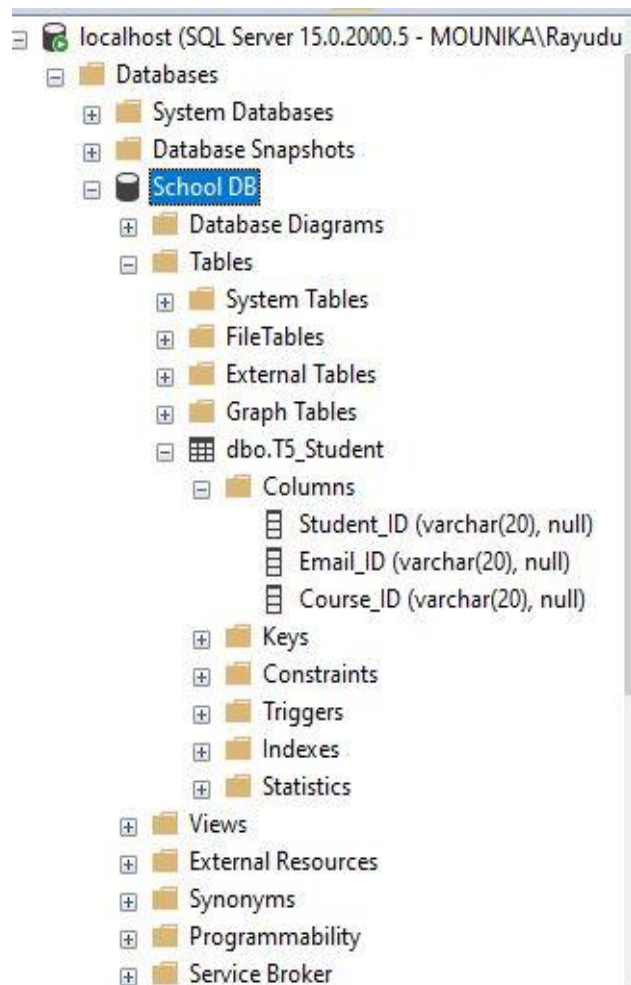
	DatabaseName	ID
1	master	1
2	tempdb	2
3	model	3
4	msdb	4
5	School DB	5

3. Create Table for your Database:

Query to create table:

```
USE [School DB]
CREATE TABLE T5_Student(
Student_ID varchar(20),
Email_ID varchar(20),
Course_ID varchar(20),
)
```

Output: Table Created

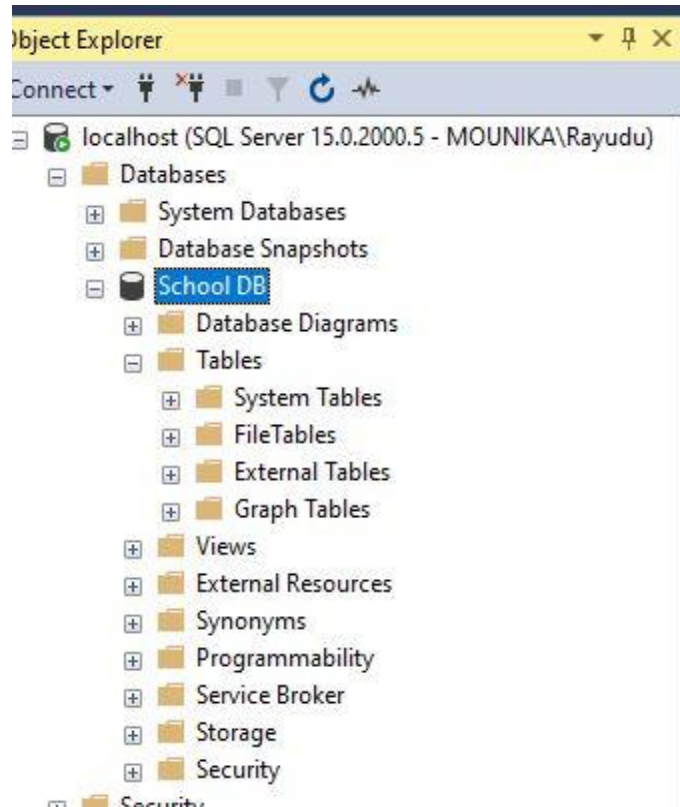


4. Drop table

Query to drop table:

DROP TABLE T5_Student;

Output: Table dropped



5. Show how to check the schema of the tables

Query:

SELECT * FROM INFORMATION_SCHEMA.TABLES

6. Show all the tables from the database

We use above query and the output is as follows:

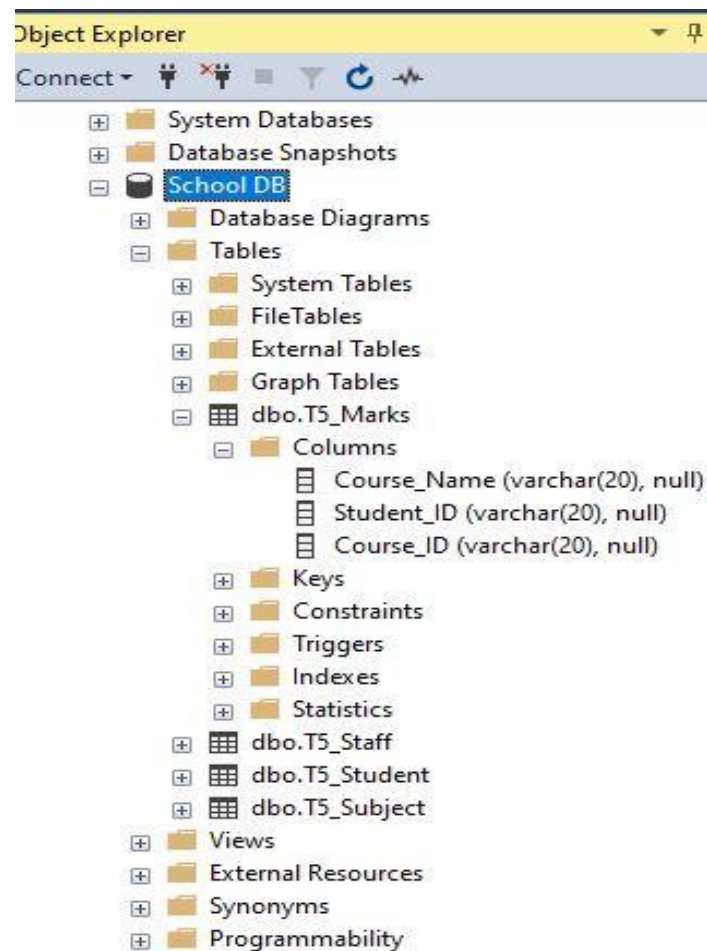
	TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	TABLE_TYPE
1	School DB	dbo	T5_Student	BASE TABLE
2	School DB	dbo	T5_Staff	BASE TABLE
3	School DB	dbo	T5_Subject	BASE TABLE

7. Create table using Select Statement

Query:

```
SELECT*INTO T5_Marks FROM T5_Subject;
```

Output:

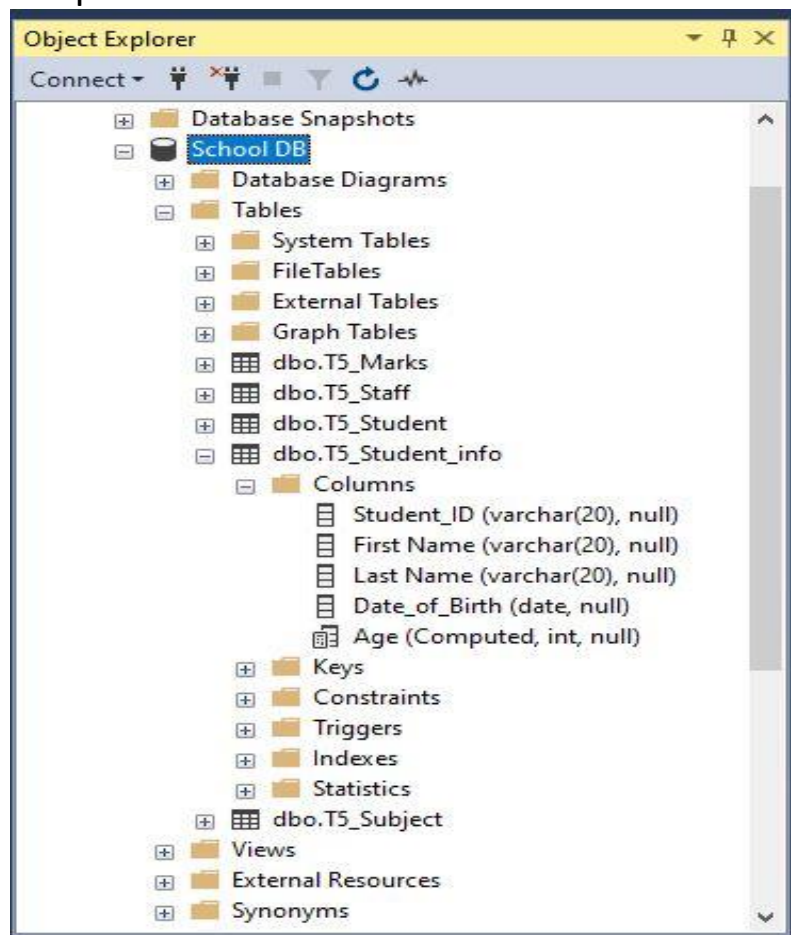


8. Create a table which has derived attribute.

Query:

```
CREATE TABLE T5_Student_info(  
Student_ID varchar(20),  
[First Name] varchar(20),  
[Last Name] varchar(20),  
Date_of_Birth date,  
Age AS(DATEDIFF(YEAR,Date_of_Birth,GETDATE()))  
)
```

Output:



Query to insert values in T5_Student_info:

```
INSERT INTO T5_Student_info VALUES(112,'Prasanna','Varanasi','2002-01-11')
```

```
INSERT INTO T5_Student_info VALUES(124,'Mounika','Rayudu','2002-05-20')
```

```
SELECT*FROM T5_Student_info
```

Output:

Results		Messages			
	Student_ID	First Name	Last Name	Date_of_Birth	Age
1	112	Prasanna	Varanasi	2002-01-11	19
2	124	Mounika	Rayudu	2002-05-20	19