

DBMS LAB ASSIGNMENT-2

Name: M.Anupama

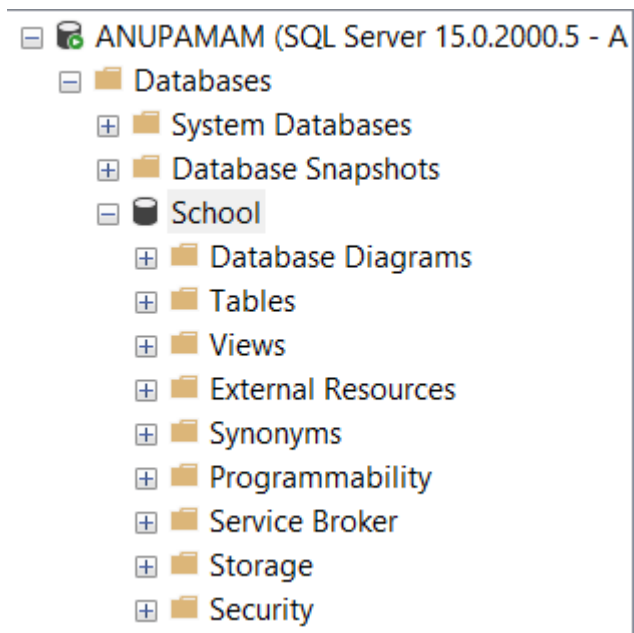
Roll No: 19BCS123

1)Show how to Create and Drop Database.

Query to create Database:

CREATE DATABASE School

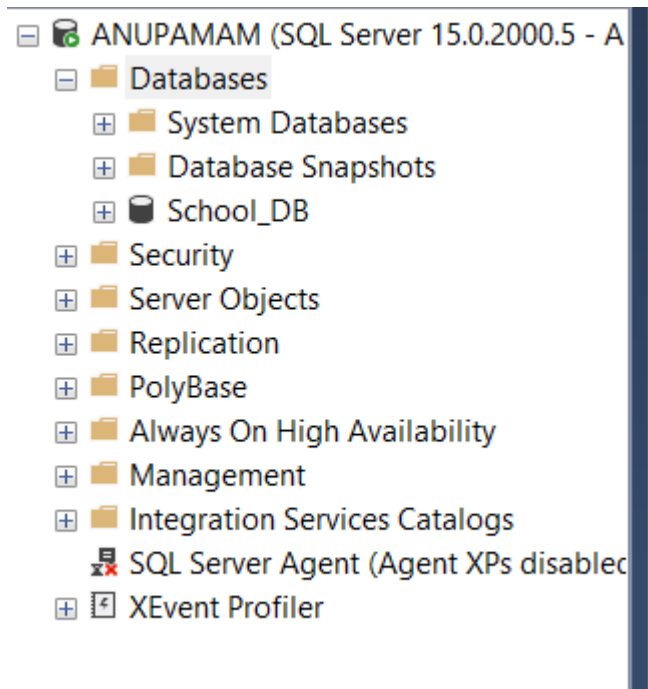
OUTPUT: (database created)



Query to drop Database:

DROP DATABASE School;

OUTPUT: (database deleted)



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:

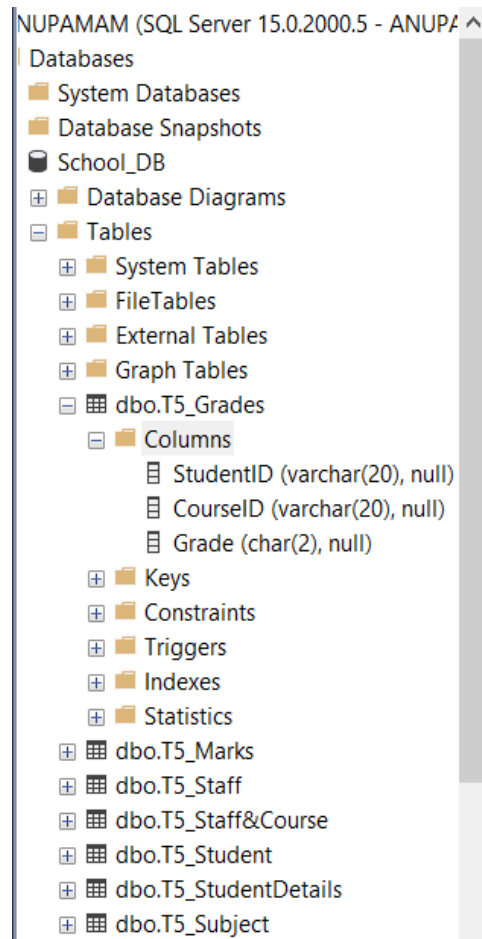
Results			Messages		
	DatabaseName	ID			
1	master	1			
2	tempdb	2			
3	model	3			
4	msdb	4			
5	School_DB	5			
6	DBMS	6			

3) Create Table for your Database

Query to create table:

```
USE School_DB  
CREATE TABLE T5_Grades  
StudentID varchar(20),  
CourseID varchar(20),  
Grade char(2),  
)
```

OUTPUT: (Table created)

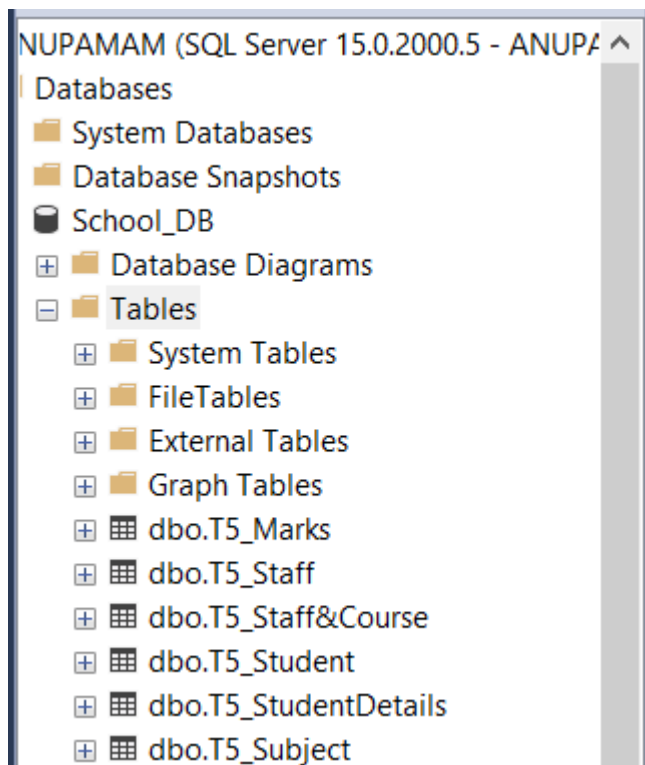


4) Drop table.

Query to drop table:

```
DROP TABLE T5_Grades;
```

OUTPUT:



5) Show how to check the schema of the tables

& 6) Show all the tables from the database

Query:

SELECT * FROM INFORMATION_SCHEMA.TABLES

OUTPUT:

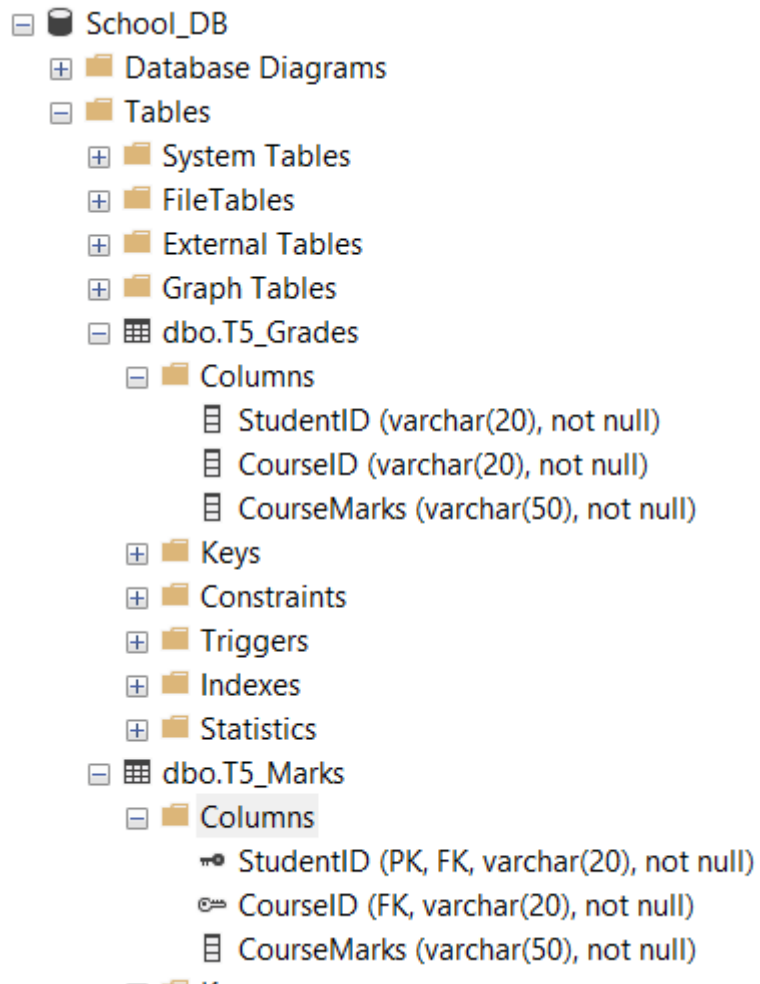
	TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	TABLE_TYPE
1	School_DB	dbo	T5_Student	BASE TABLE
2	School_DB	dbo	T5_Subject	BASE TABLE
3	School_DB	dbo	T5_Marks	BASE TABLE
4	School_DB	dbo	T5_StudentDetails	BASE TABLE
5	School_DB	dbo	T5_Staff	BASE TABLE
6	School_DB	dbo	T5_Staff&Course	BASE TABLE
7	School_DB	dbo	sysdiagrams	BASE TABLE

7) Create Table using Select Statement

Query:

```
SELECT * INTO T5_Grades FROM T5_Marks
```

OUTPUT:

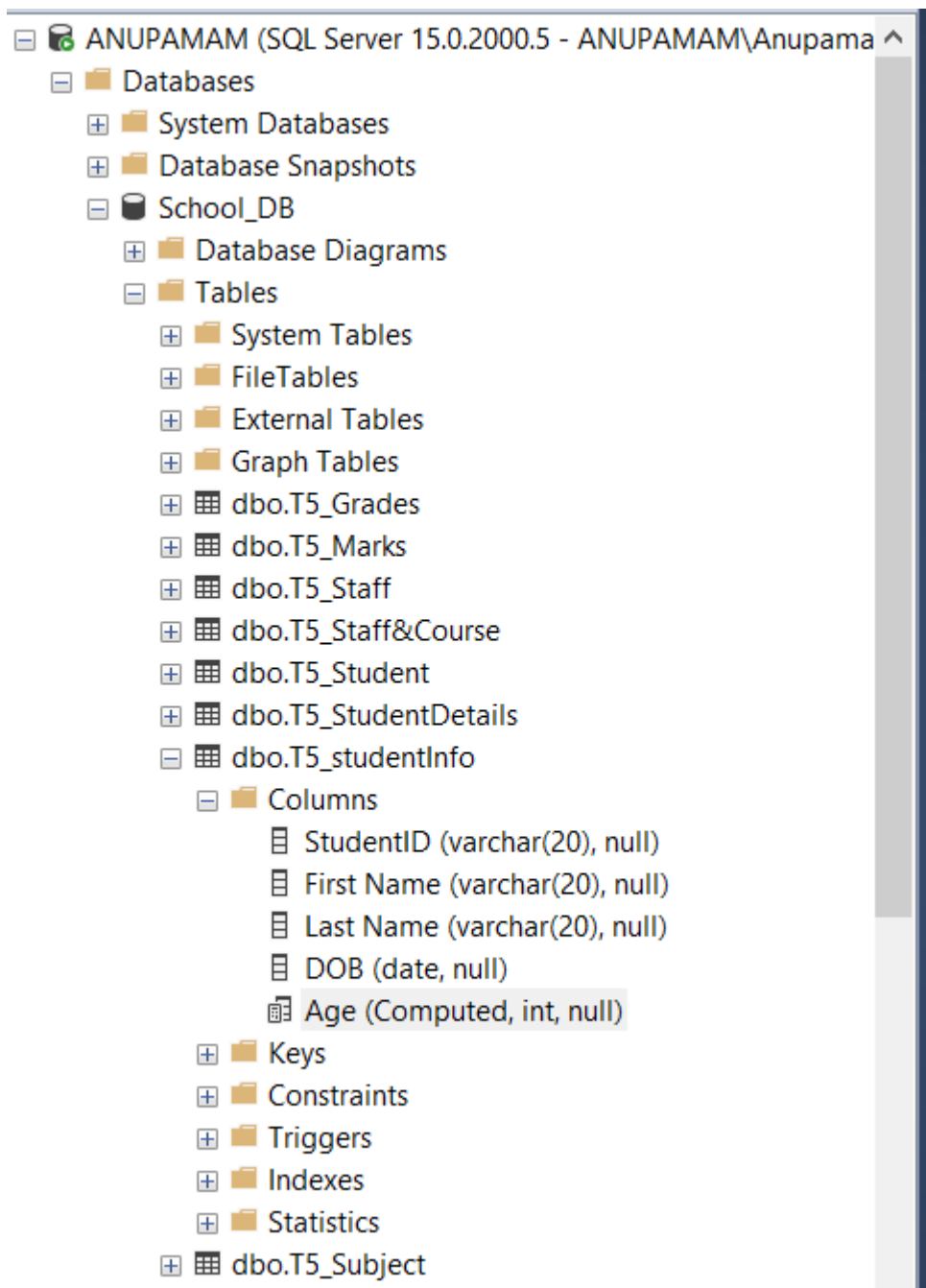


8) Create a table which has derived attribute.

Query:

```
CREATE TABLE T5_studentInfo(  
StudentID varchar(20),  
[First Name] varchar(20),  
[Last Name] varchar(20),  
DOB date,  
Age AS (DATEDIFF(YEAR, DOB, GETDATE()))  
)
```

OUTPUT:



Query to Insert values in the table T5_studentInfo:

```
INSERT INTO T5_studentInfo VALUES(123, 'Anupama', 'Munagapati', '2002-03-21')
INSERT INTO T5_studentInfo VALUES(130, 'Shabeena', 'Sheik', '2001-01-03')
SELECT * FROM T5_studentInfo
```

OUTPUT:

<div><div><div>Results</div><div>Messages</div></div></div>					
	StudentID	First Name	Last Name	DOB	Age
1	123	Anupama	Munagapati	2002-03-21	19
2	130	Shabeena	Sheik	2001-01-03	20

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