

# DBMS LAB ASSIGNMENT 2

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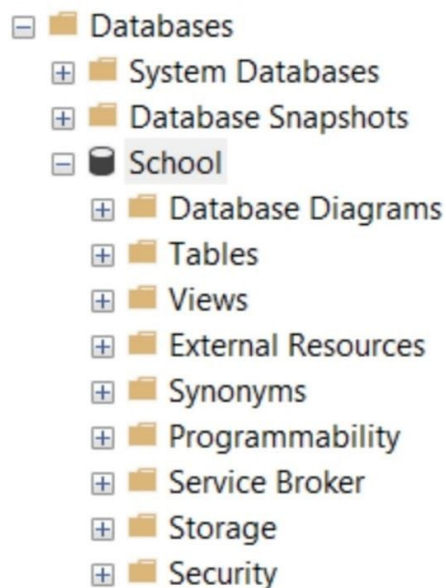
**REG NO :** 19BCS069

## 1. Show how to Create and Drop Database

Query to create Database :

***CREATE DATABASE School***

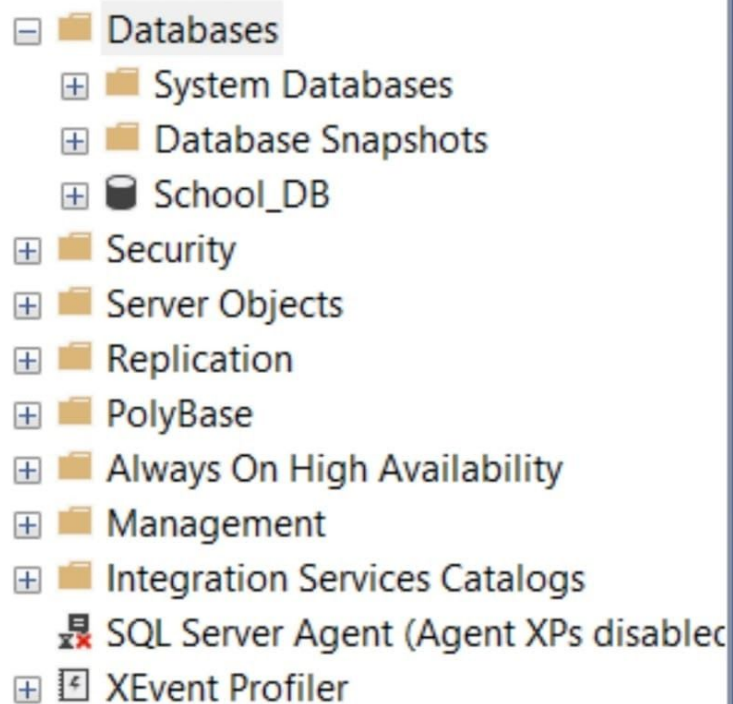
OUTPUT: (database created)



Query to drop Database:

***DROP DATABASE School;***

OUTPUT: (database deleted)



## 2. Show all the Databases 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(*

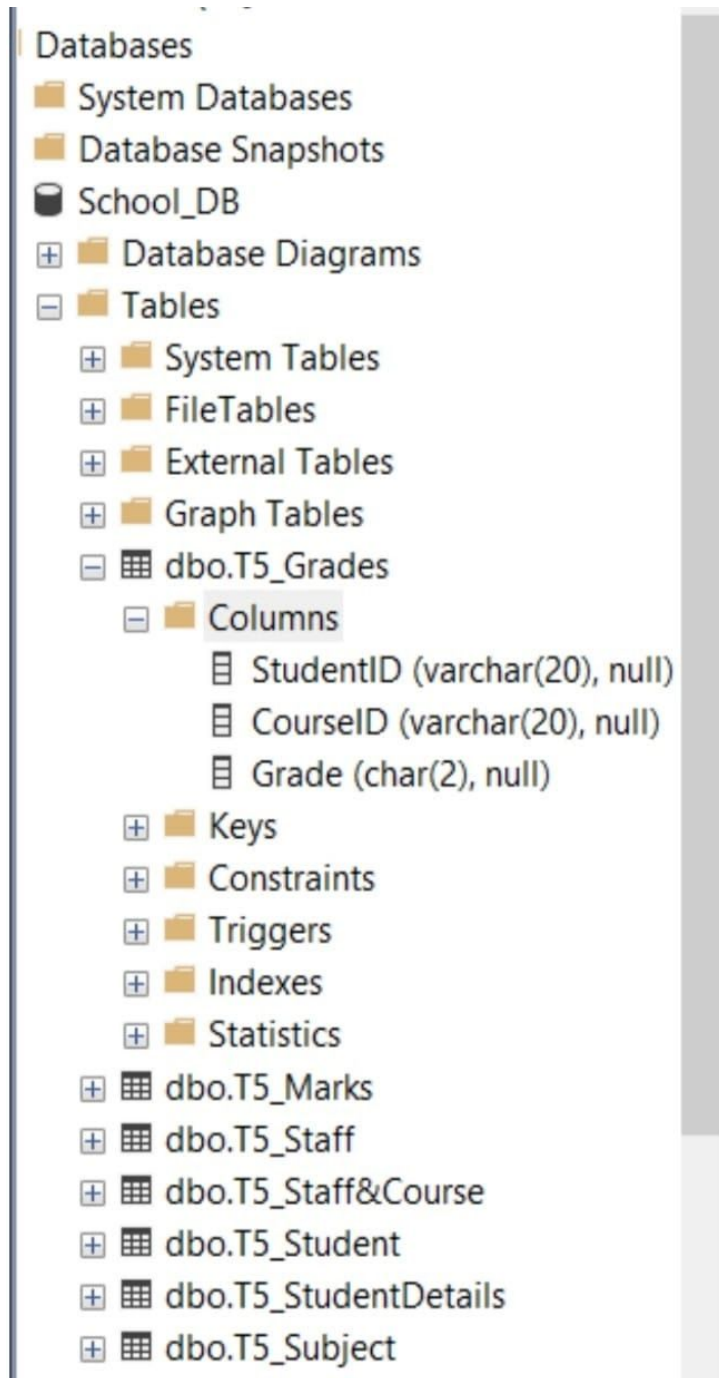
*StudentID varchar(20),*

*CourseID varchar(20),*

*Grade char(2),*

*)*

OUTPUT: (Table created)

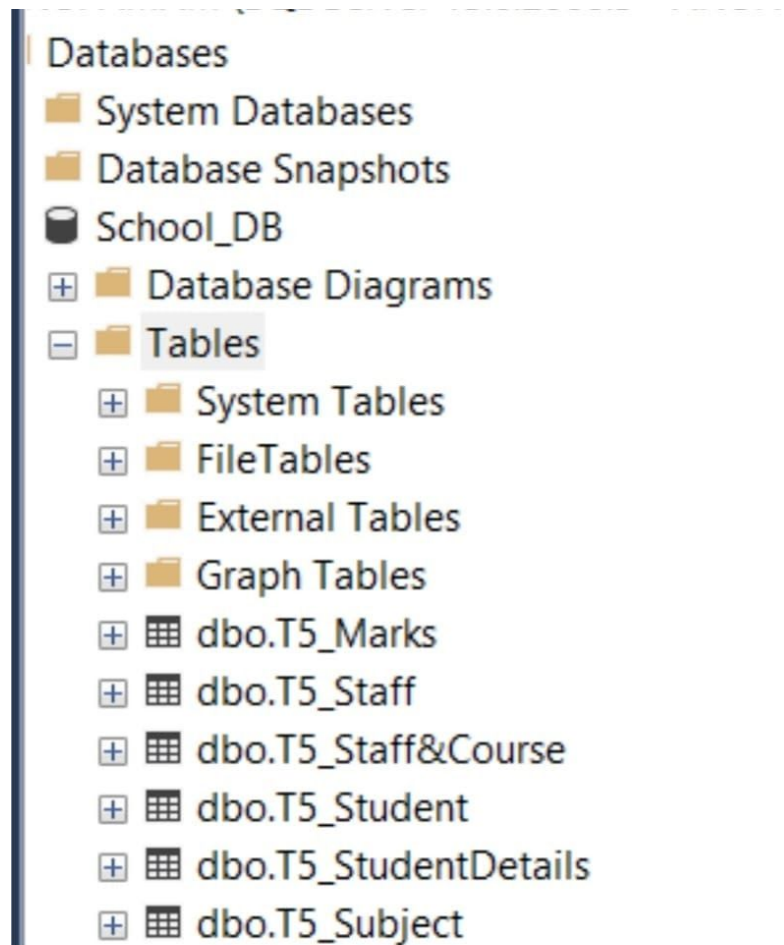


#### 4. Drop table

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 :

Results		Messages		
	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

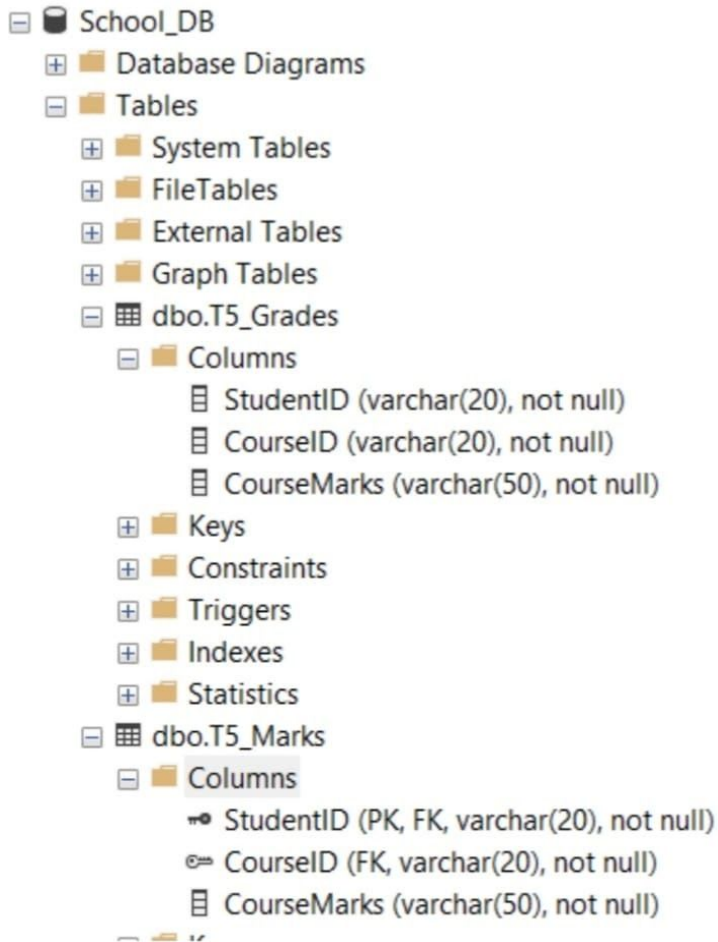
## 7. Create Table using Select Statement

Query :

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

OUTPUT :

## OUTPUT :

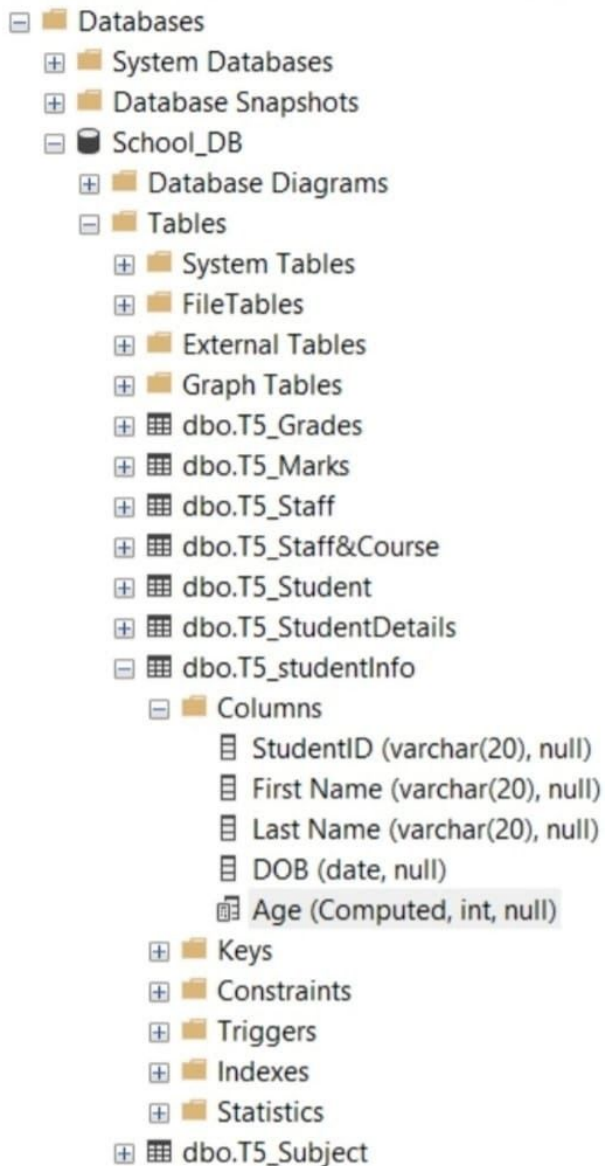


## 8. Create a table which has a derived attribute.

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(69, 'joshasree', 'Maturi',  
'2002-06-28')  
INSERT INTO T5_studentInfo VALUES(100, 'sushma', 'Maturi',  
'1998-05-20')  
SELECT * FROM T5_studentInfo
```



OUTPUT:

<div><div> Results</div><div> Messages</div></div>					
	StudentID	First Name	Last Name	DOB	Age
1	69	joshasree	Maturi	2002-06-28	19
2	100	sushma	Maturi	1998-05-20	23