

1.2 Create Database and Tables

School Database:

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure, including a list of databases under 'DESKTOP-N29NEU1 (SQL Server 16.0.1000)'. The main window shows a SQL query script with the following content:

```
create database Day7Db
use Day7Db

Create Table Customer
(Id int Primary Key,
Name nvarchar(50) not null,
ODLimit float not null,
SStartDate date not null,
SEndDate date not null)

Insert into Customer Values
(1,'Sam',598000,'12/12/2019','12/12/2024'),
(2,'Raj',678000,'02/20/2022','12/12/2025'),
(3,'Ravi',888000,'01/23/2023','12/12/2025')

Select * from Customer
```

The Results pane at the bottom shows the output of the query, displaying 3 rows of data:

	ID	Name	ODLimit	SStartDate	SEndDate
1	1	Raj	450000.78	2023-02-05	2024-05-08
2	2	Raj	678000	2022-02-20	2025-12-12
3	3	Ravi	888000	2023-01-23	2025-12-12

The status bar at the bottom indicates 'Query executed successfully.' and 'DESKTOP-N29NEU1 (16.0 RTM) | DESKTOP-N29NEU1\USER (51) | Day7Db | 00:00:00 | 3 rows'.

Student Table:

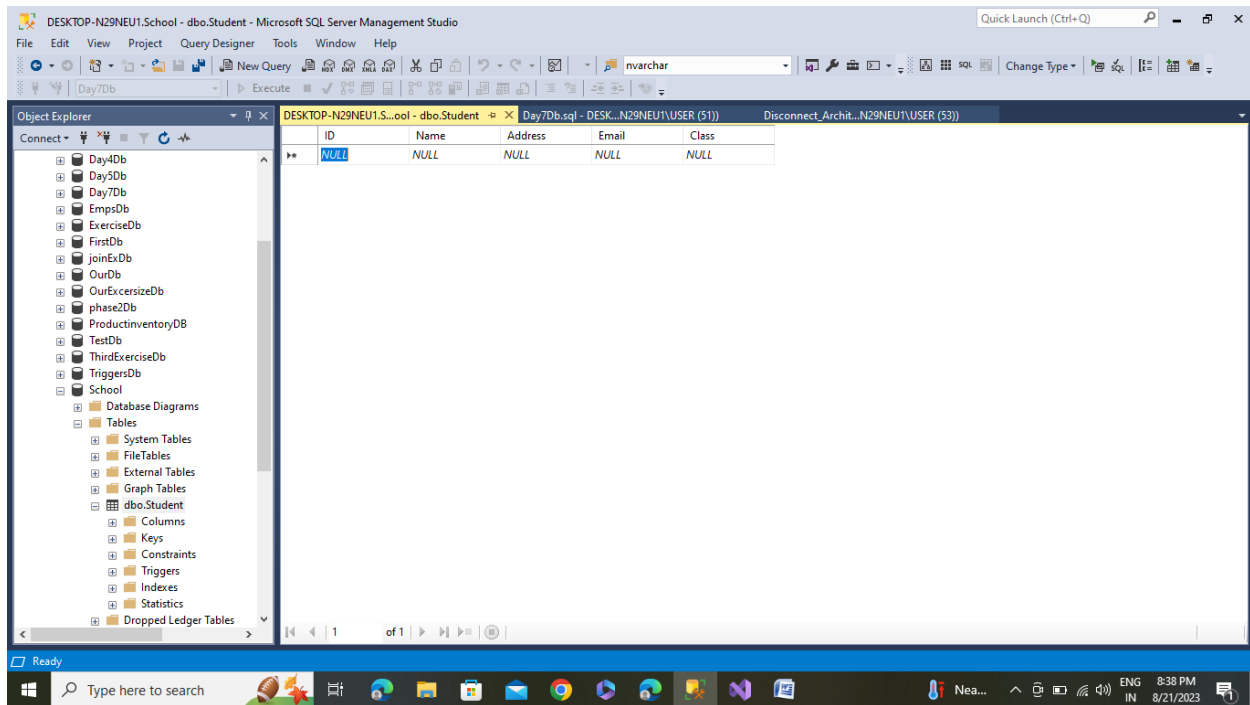
The screenshot shows the Microsoft SQL Server Management Studio interface in Table Designer mode. The Object Explorer on the left displays the database structure, including a list of databases under 'DESKTOP-N29NEU1 (SQL Server 16.0.1000)'. The main window shows the design of a table named 'Class' with the following columns:

Column Name	Data Type	Allow Nulls
ID	int	<input type="checkbox"/>
Name	varchar(100)	<input type="checkbox"/>
Address	varchar(100)	<input type="checkbox"/>
Email	varchar(75)	<input type="checkbox"/>
Class	varchar(5)	<input type="checkbox"/>

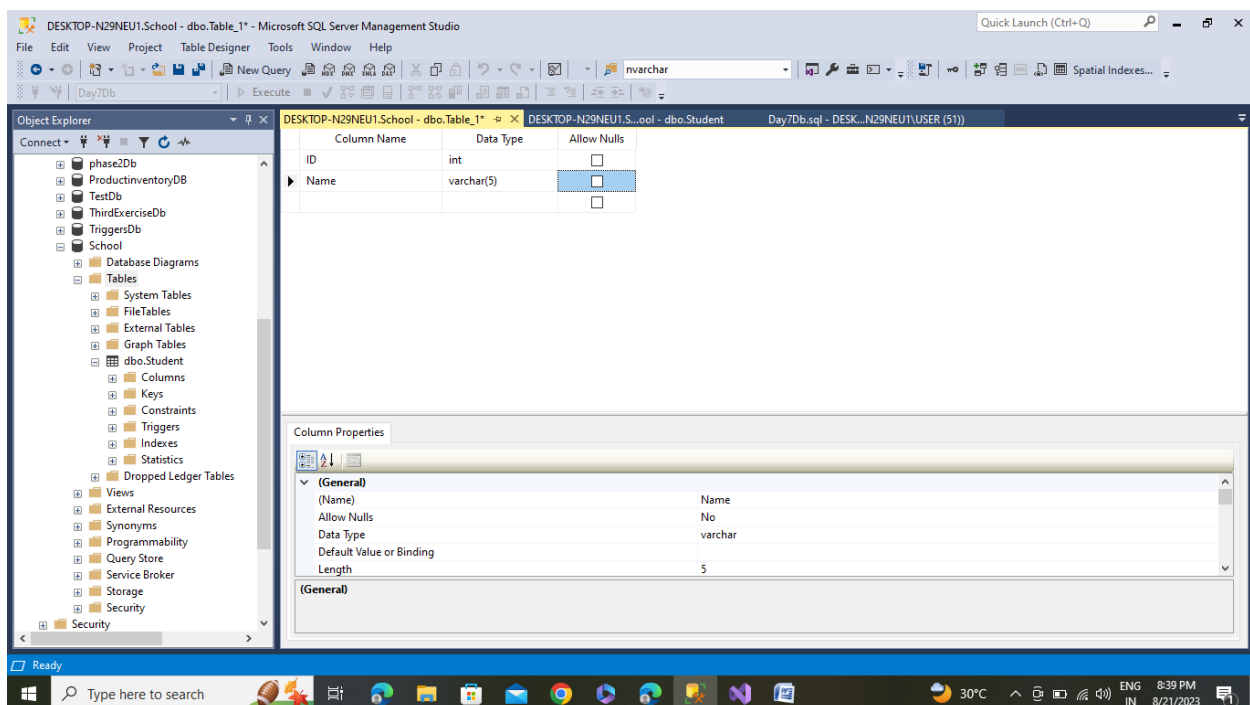
The Column Properties pane at the bottom shows the properties for the 'Class' column:

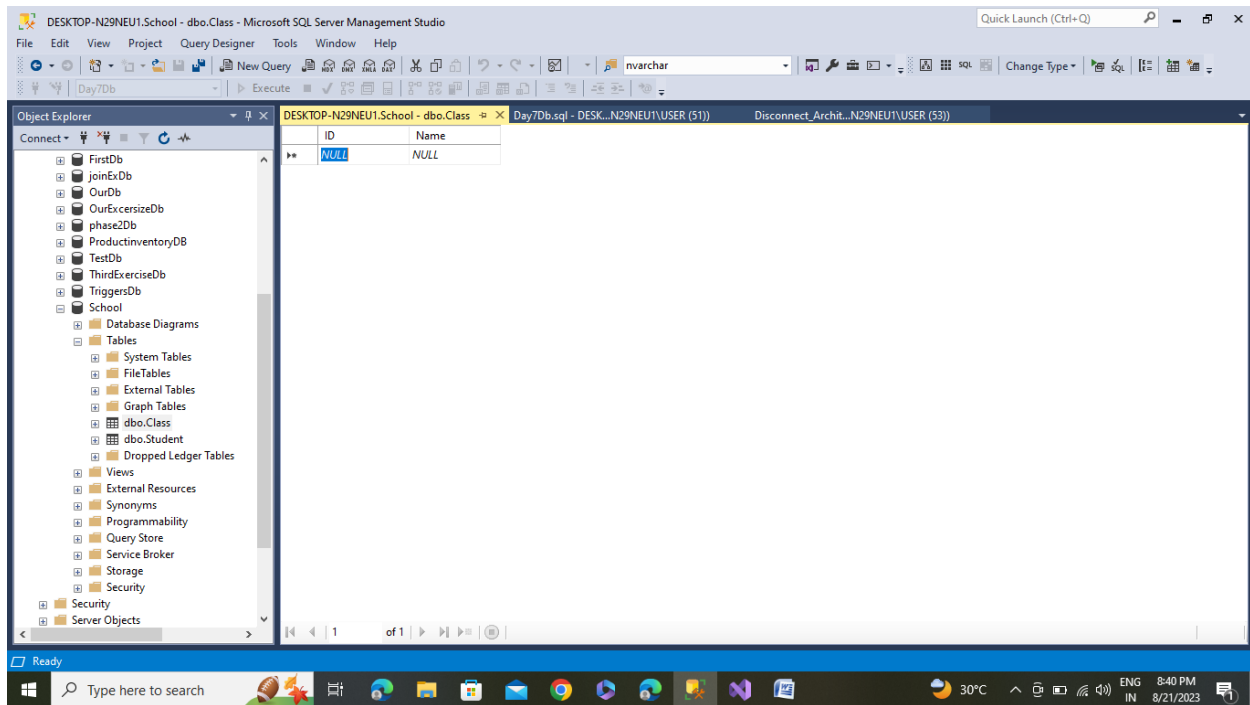
Property	Value
(Name)	Class
Allow Nulls	No
Data Type	varchar
Default Value or Binding	
Length	5

The status bar at the bottom indicates 'Ready' and 'DESKTOP-N29NEU1 (16.0 RTM) | DESKTOP-N29NEU1\USER (51) | Class | 00:00:00 | 0 rows'.

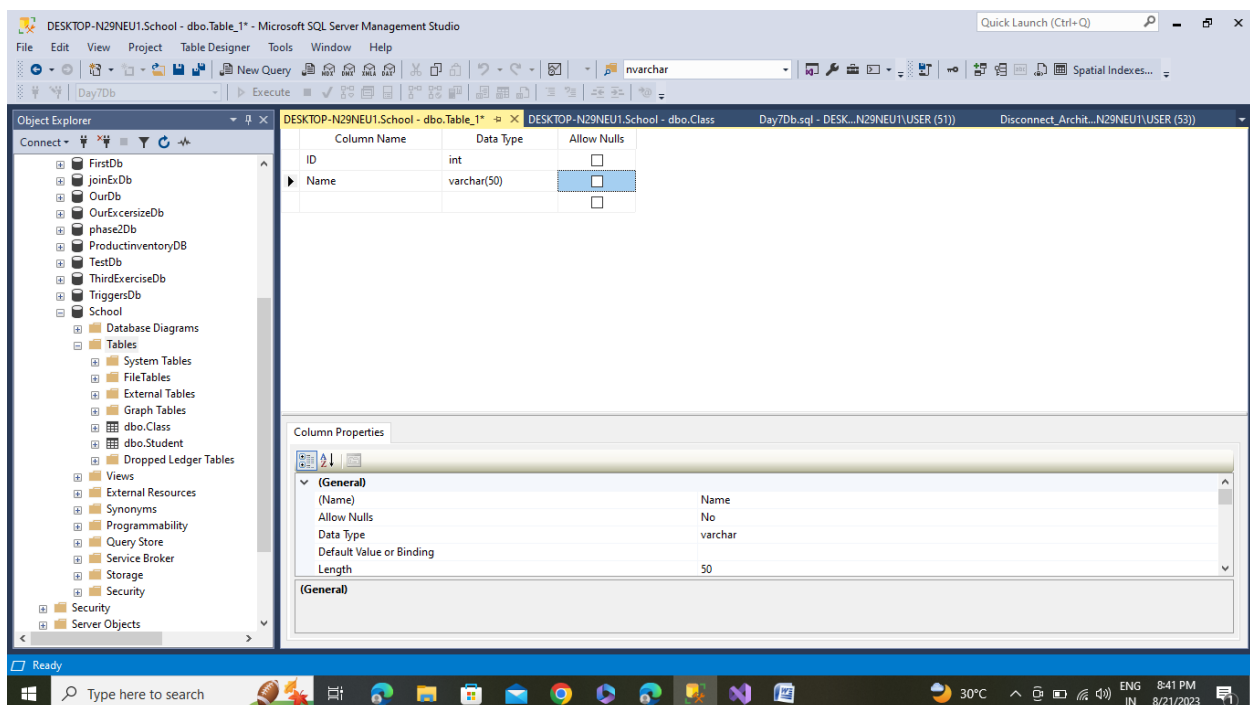


Class Table:





Subject Table:



DESKTOP-N29NEU1.School - dbo.Subject - Microsoft SQL Server Management Studio

File Edit View Project Query Designer Tools Window Help

Quick Launch (Ctrl+Q)

nvvarchar

Change Type

Day7Db

Execute

Object Explorer

Connect

FirstDb

joinExDb

OurDb

OurExersizeDb

phase2Db

ProductInventoryD8

TestDb

ThirdExerciseDb

TriggersDb

School

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.Class

dbo.Student

dbo.Subject

Dropped Ledger Tables

Views

External Resources

Synonyms

Programmability

Query Store

Service Broker

Storage

Security

DESKTOP-N29NEU1.S...ool - dbo.Subject

ID	Name
NULL	NULL

DESKTOP-N29NEU1.School - dbo.Class

Day7Db.sql - DESK...N29NEU1\USER (51)

Disconnect_Archit...N29NEU1\USER (53)

Ready

Type here to search

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8:41 PM

8/21/2023