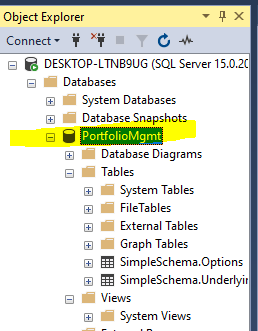
**The following code belongs to the database, it is highlighted below in the screenshot. Code for the tables “Options” and “Underlying” are afterwards in this document:**



USE [master]

GO

/\*\*\*\*\*\* Object: Database [PortfolioMgmt] Script Date: 3/15/2020 5:46:38 PM \*\*\*\*\*\*/

CREATE DATABASE [PortfolioMgmt]

CONTAINMENT = NONE

ON PRIMARY

( NAME = N'PortfolioMgmt', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER\MSSQL\DATA\PortfolioMgmt.mdf' , SIZE = 8192KB , MAXSIZE = UNLIMITED, FILEGROWTH = 65536KB )

LOG ON

( NAME = N'PortfolioMgmt\_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER\MSSQL\DATA\PortfolioMgmt\_log.ldf' , SIZE = 8192KB , MAXSIZE = 2048GB , FILEGROWTH = 65536KB )

WITH CATALOG\_COLLATION = DATABASE\_DEFAULT

GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))

begin

EXEC [PortfolioMgmt].[dbo].[sp\_fulltext\_database] @action = 'enable'

end

GO

ALTER DATABASE [PortfolioMgmt] SET ANSI\_NULL\_DEFAULT OFF

GO

ALTER DATABASE [PortfolioMgmt] SET ANSI\_NULLS OFF

GO

ALTER DATABASE [PortfolioMgmt] SET ANSI\_PADDING OFF

GO

ALTER DATABASE [PortfolioMgmt] SET ANSI\_WARNINGS OFF

GO

ALTER DATABASE [PortfolioMgmt] SET ARITHABORT OFF

GO

ALTER DATABASE [PortfolioMgmt] SET AUTO\_CLOSE OFF

GO

ALTER DATABASE [PortfolioMgmt] SET AUTO\_SHRINK OFF

GO

ALTER DATABASE [PortfolioMgmt] SET AUTO\_UPDATE\_STATISTICS ON

GO

ALTER DATABASE [PortfolioMgmt] SET CURSOR\_CLOSE\_ON\_COMMIT OFF

GO

ALTER DATABASE [PortfolioMgmt] SET CURSOR\_DEFAULT GLOBAL

GO

ALTER DATABASE [PortfolioMgmt] SET CONCAT\_NULL\_YIELDS\_NULL OFF

GO

ALTER DATABASE [PortfolioMgmt] SET NUMERIC\_ROUNDABORT OFF

GO

ALTER DATABASE [PortfolioMgmt] SET QUOTED\_IDENTIFIER OFF

GO

ALTER DATABASE [PortfolioMgmt] SET RECURSIVE\_TRIGGERS OFF

GO

ALTER DATABASE [PortfolioMgmt] SET DISABLE\_BROKER

GO

ALTER DATABASE [PortfolioMgmt] SET AUTO\_UPDATE\_STATISTICS\_ASYNC OFF

GO

ALTER DATABASE [PortfolioMgmt] SET DATE\_CORRELATION\_OPTIMIZATION OFF

GO

ALTER DATABASE [PortfolioMgmt] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [PortfolioMgmt] SET ALLOW\_SNAPSHOT\_ISOLATION OFF

GO

ALTER DATABASE [PortfolioMgmt] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [PortfolioMgmt] SET READ\_COMMITTED\_SNAPSHOT OFF

GO

ALTER DATABASE [PortfolioMgmt] SET HONOR\_BROKER\_PRIORITY OFF

GO

ALTER DATABASE [PortfolioMgmt] SET RECOVERY FULL

GO

ALTER DATABASE [PortfolioMgmt] SET MULTI\_USER

GO

ALTER DATABASE [PortfolioMgmt] SET PAGE\_VERIFY CHECKSUM

GO

ALTER DATABASE [PortfolioMgmt] SET DB\_CHAINING OFF

GO

ALTER DATABASE [PortfolioMgmt] SET FILESTREAM( NON\_TRANSACTED\_ACCESS = OFF )

GO

ALTER DATABASE [PortfolioMgmt] SET TARGET\_RECOVERY\_TIME = 60 SECONDS

GO

ALTER DATABASE [PortfolioMgmt] SET DELAYED\_DURABILITY = DISABLED

GO

ALTER DATABASE [PortfolioMgmt] SET QUERY\_STORE = OFF

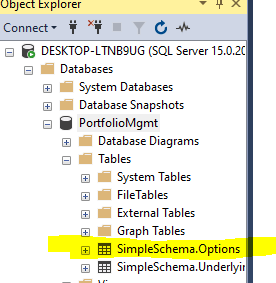
GO

ALTER DATABASE [PortfolioMgmt] SET READ\_WRITE

GO

**================ END of database code ===========================**

**Code for Options table is below:**



USE [PortfolioMgmt]

GO

/\*\*\*\*\*\* Object: Table [SimpleSchema].[Options] Script Date: 3/15/2020 5:47:28 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [SimpleSchema].[Options](

[ID\_Key] [int] IDENTITY(1,1) NOT NULL,

[OptionStyle] [char](10) NULL,

[PutCall] [nchar](10) NULL,

[SpotPrice] [nchar](10) NULL,

[Strike] [nchar](10) NULL,

[Tenor] [int] NULL,

[Rate] [float] NULL,

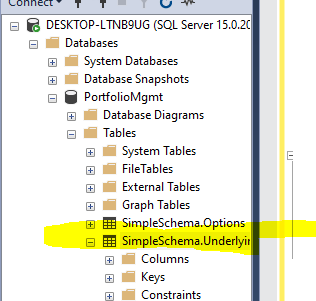
[UnderlyingType] [nchar](10) NULL,

[UnderlyingID] [int] NULL

) ON [PRIMARY]

GO

**Underlying table code below:**



USE [PortfolioMgmt]

GO

/\*\*\*\*\*\* Object: Table [SimpleSchema].[Underlyings] Script Date: 3/15/2020 6:04:36 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [SimpleSchema].[Underlyings](

[ID\_Key] [nchar](10) NOT NULL,

[AssetType] [char](10) NULL,

[SpotPrice] [float] NULL,

[MaturityDate] [date] NULL,

[Yield] [float] NULL

) ON [PRIMARY]

GO