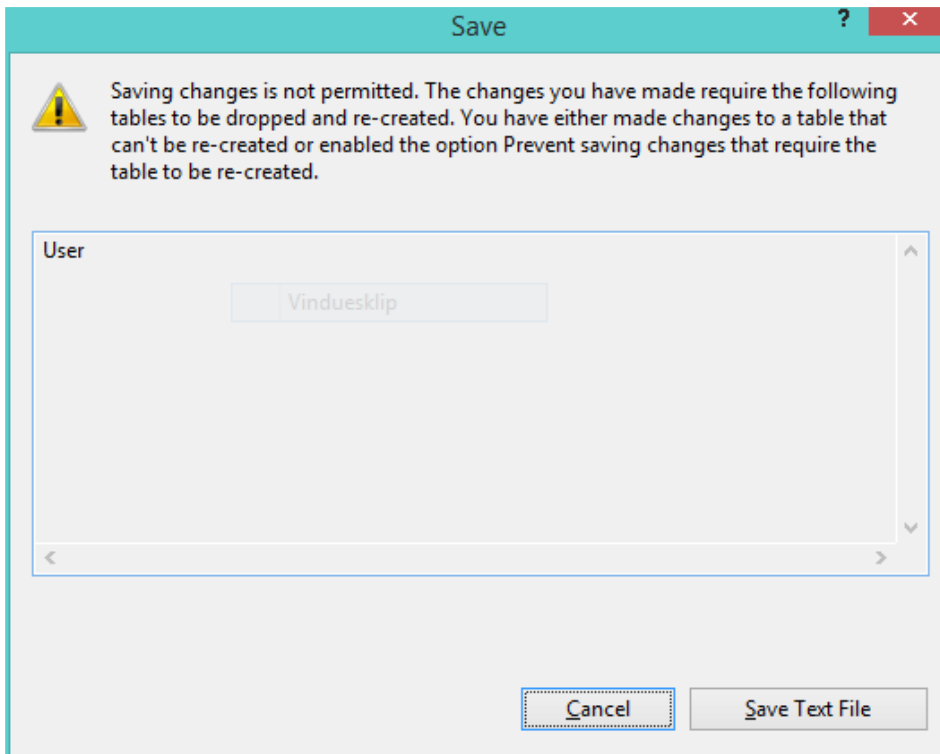
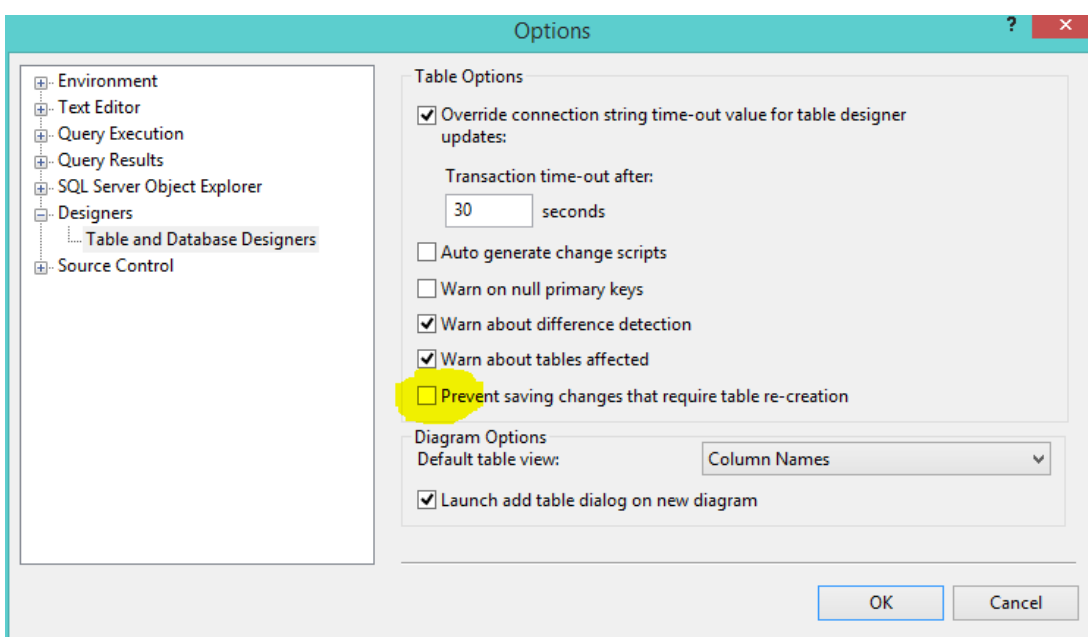


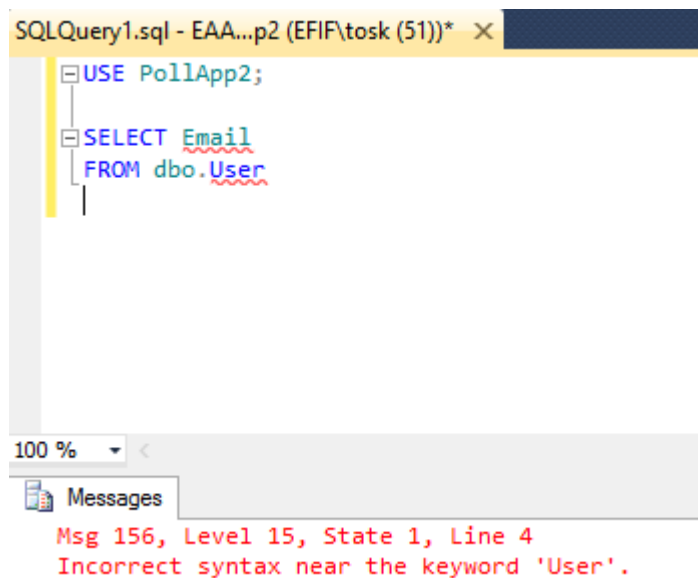
If you get an error message similar to this one in SQL Server Management Studio:



Then you need to go into **Tools -> Options -> Designers -> Table and Database Designers** and untick the **Prevent saving changes that require table re-creation** like this:



When you use words like **User** and **Option** in table names and attributes, you should be aware that those are reserved keywords in SQL Server.



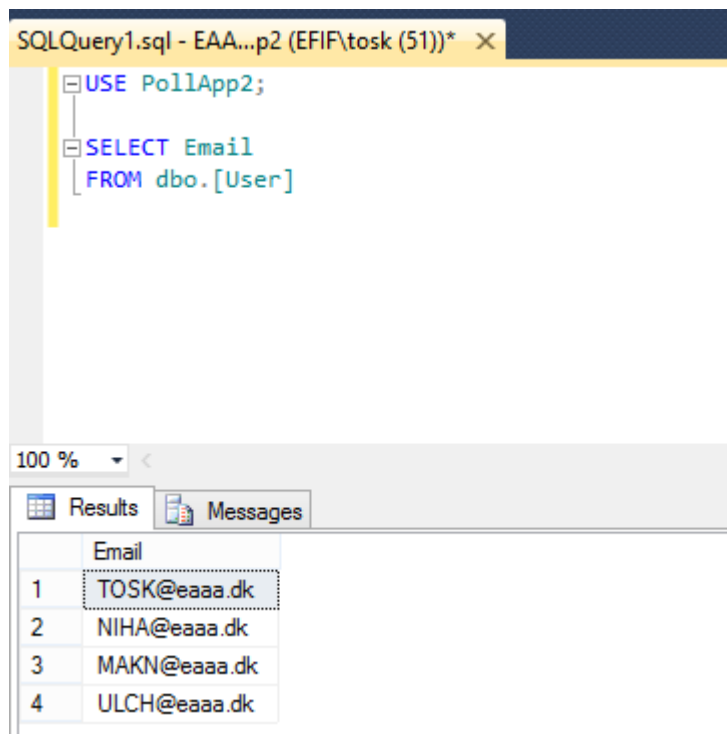
The screenshot shows a SQL query window titled "SQLQuery1.sql - EAA...p2 (EFIF\tosk (51))*". The query contains the following code:

```
USE PollApp2;  
SELECT Email  
FROM dbo.User
```

Below the query window, the "Messages" pane displays the following error:

```
Msg 156, Level 15, State 1, Line 4  
Incorrect syntax near the keyword 'User'.
```

They need to be wrapped in square brackets like below



The screenshot shows the same SQL query window, but the table name is now wrapped in square brackets:

```
USE PollApp2;  
SELECT Email  
FROM dbo.[User]
```

Below the query window, the "Results" pane displays the following data:

	Email
1	TOSK@eaaa.dk
2	NIHA@eaaa.dk
3	MAKN@eaaa.dk
4	ULCH@eaaa.dk

This is one way to make an auto-incremented ID column in SQL server:

```
SQLQuery2.sql - EAA...p2 (EFIF\tosk (57))* × 01_BlogMakeTables....p2 (EFIF\tosk (56)) SQ
IF OBJECT_ID('dbo.Category', 'U') IS NOT NULL
    DROP TABLE dbo.Category;
CREATE TABLE dbo.Category
(
    CategoryId INT IDENTITY(1, 1) PRIMARY KEY,
    CategoryName NVARCHAR(100) NOT NULL
);
```

The IDENTITY(1,1) specifies that this column starts at the value 1, and is incremented by the value 1 for each new row inserted.

If you have done that (or in another way made a column auto-incremented), you might run into this error when trying to insert into it:

```
SQLQuery3.sql - EAA...og (EFIF\tosk (58))* × SQLQuery2.sql - EAA...p2 (EFIF\tosk (57))* 01_BlogMakeTables....p2 (EFIF\tosk (56))
USE Blog;
INSERT INTO dbo.Category (CategoryId, CategoryName)
VALUES (15, 'TestCategory');
```

100 %

Messages

Msg 544, Level 16, State 1, Line 3
Cannot insert explicit value for identity column in table 'Category' when IDENTITY_INSERT is set to OFF.

This is because when a column is auto-incremented you can no longer insert values directly into it, since it just adds one to the previous value. Instead you should just insert the rest of the values like this.

```
SQLQuery3.sql - EAA...og (EFIF\tosk (58))* × SQLQuery2.sql - EAA
USE Blog;
INSERT INTO dbo.Category (CategoryName)
VALUES ('TestCategory');
```

100 %

Messages

(1 row(s) affected)