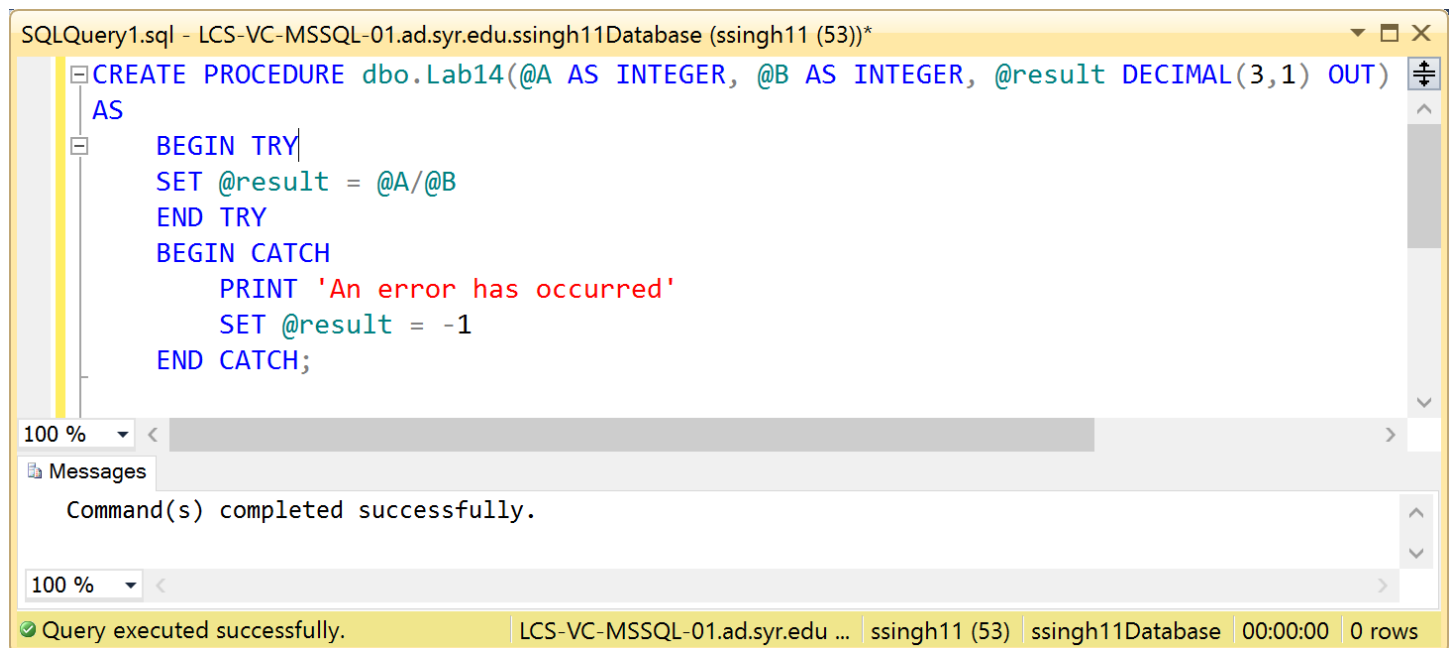


LAB 14: Error Handling

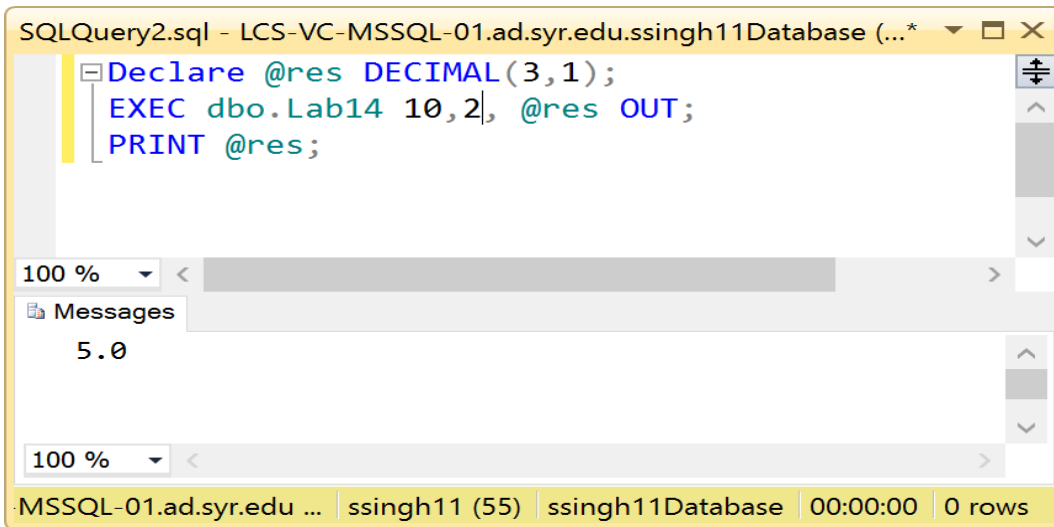
1.

```
CREATE PROCEDURE dbo.Lab14(@A AS INTEGER, @B AS INTEGER, @result DECIMAL(3,1) OUT)
AS
    BEGIN TRY
        SET @result = @A/@B
    END TRY
    BEGIN CATCH
        PRINT 'An error has occurred'
        SET @result = -1
    END CATCH;
```



2.

```
Declare @res DECIMAL(3,1);
EXEC dbo.Lab14 10,2, @res OUT;
PRINT @res;
```

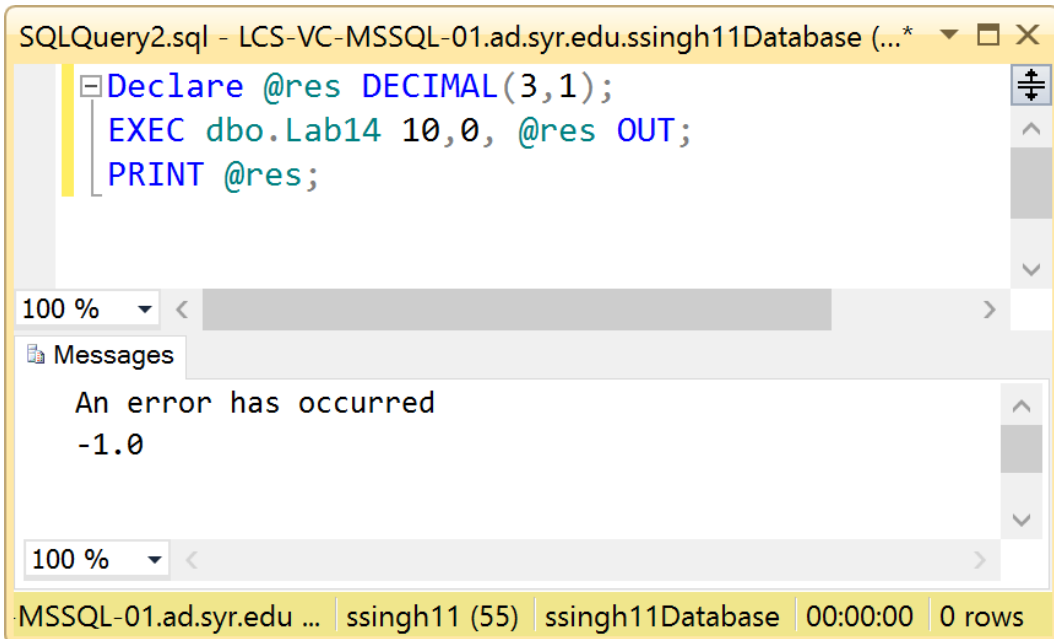


The screenshot shows a SQL query window titled "SQLQuery2.sql - LCS-VC-MSSQL-01.ad.syr.edu.ssingh11Database (...*)". The query text is: `Declare @res DECIMAL(3,1); EXEC dbo.Lab14 10,2, @res OUT; PRINT @res;`. The "Messages" pane at the bottom shows the output "5.0". The status bar at the bottom indicates "MSSQL-01.ad.syr.edu ... ssingh11 (55) ssingh11Database 00:00:00 0 rows".

```
SQLQuery2.sql - LCS-VC-MSSQL-01.ad.syr.edu.ssingh11Database (...*)
--
Declare @res DECIMAL(3,1);
EXEC dbo.Lab14 10,2, @res OUT;
PRINT @res;
--
Messages
5.0
--
MSSQL-01.ad.syr.edu ... ssingh11 (55) ssingh11Database 00:00:00 0 rows
```

3.

```
Declare @res DECIMAL(3,1);
EXEC dbo.Lab14 10,5, @res OUT;
PRINT @res;
```



The screenshot shows the same SQL query window as above, but the query text is: `Declare @res DECIMAL(3,1); EXEC dbo.Lab14 10,0, @res OUT; PRINT @res;`. The "Messages" pane at the bottom shows the error message "An error has occurred" followed by "-1.0". The status bar at the bottom remains the same: "MSSQL-01.ad.syr.edu ... ssingh11 (55) ssingh11Database 00:00:00 0 rows".

```
SQLQuery2.sql - LCS-VC-MSSQL-01.ad.syr.edu.ssingh11Database (...*)
--
Declare @res DECIMAL(3,1);
EXEC dbo.Lab14 10,0, @res OUT;
PRINT @res;
--
Messages
An error has occurred
-1.0
--
MSSQL-01.ad.syr.edu ... ssingh11 (55) ssingh11Database 00:00:00 0 rows
```