Lab 13: Error Handling

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Purpose:

Write an SP with an error handler.

Steps:

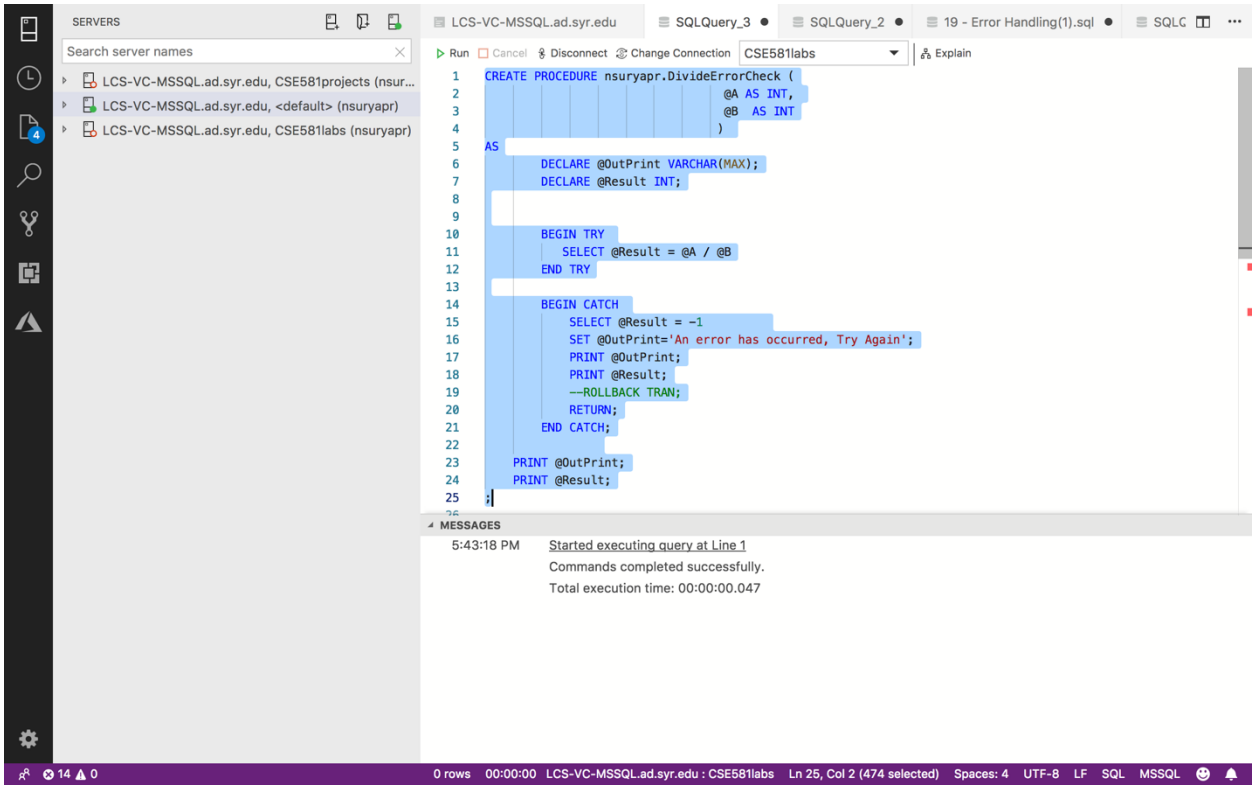
1. Create a stored procedure: The SP should accept 2 parameters (let's say A and B) and return the result of A divided by B. The SP should do error handling[1], and if an error occurs, it should print out *"An error has occurred"* and ***return*** -1 as a result. Provide a **screenshot** of SP creation.

Script :

```
CREATE PROCEDURE nsuryapr.DivideErrorCheck (
                                  @A AS INT,
                                  @B  AS INT
                                 )
AS
        DECLARE @OutPrint VARCHAR(MAX);
        DECLARE @Result INT;


        BEGIN TRY
           SELECT @Result = @A / @B
        END TRY

        BEGIN CATCH
            SELECT @Result = -1
            SET @OutPrint='An error has occurred, Try Again';
            PRINT @OutPrint;
            PRINT @Result;
            --ROLLBACK TRAN;
            RETURN;
        END CATCH;

    PRINT @OutPrint;
    PRINT @Result;
;
```

[1] I would recommend using the TRY/CATCH block

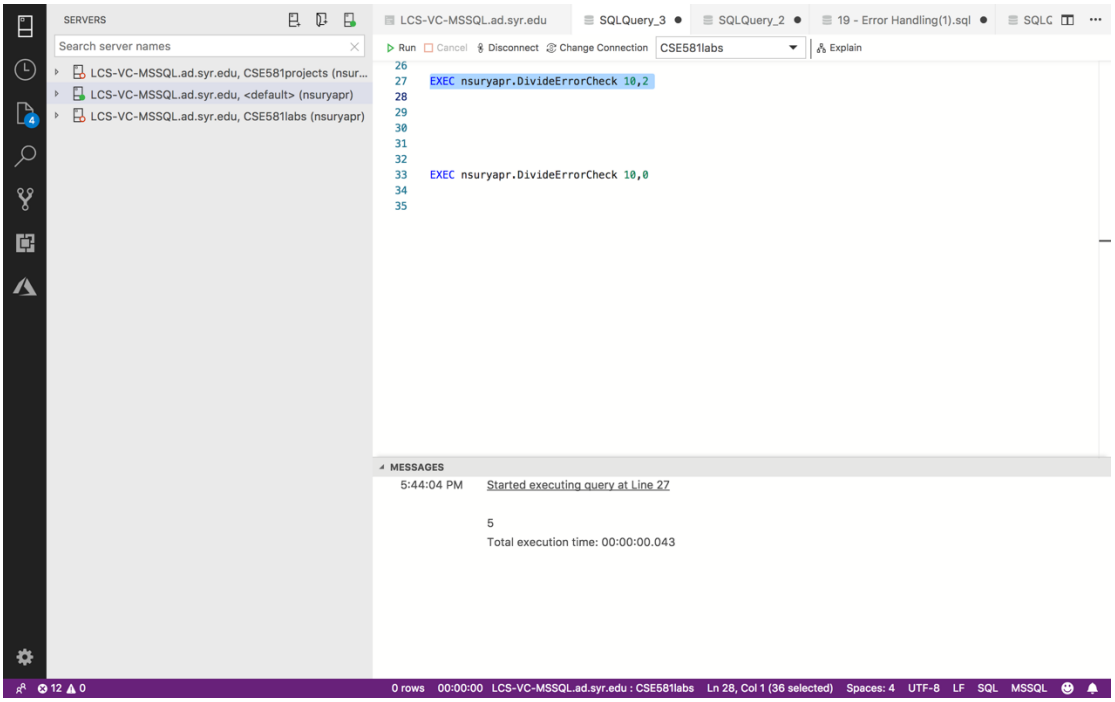
Script Execution:



2. Execute the SP with input A = 10, B = 2. Provide a **screenshot** of execution, showing the result as well as error message, if any.

Script:

```
EXEC nsuryapr.DivideErrorCheck 10,2
```



3. Execute the SP with input A = 10, B = 0. Provide a **screenshot** of execution, showing the result as well as error message, if any.

Script:

```
EXEC nsuryapr.DivideErrorCheck 10,0
```