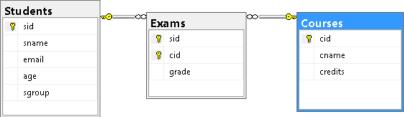
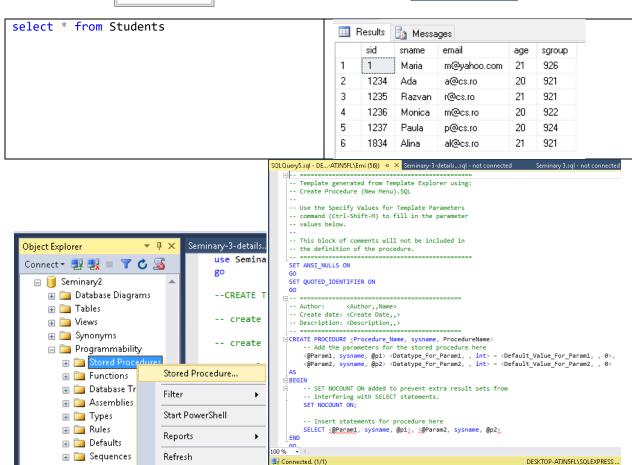
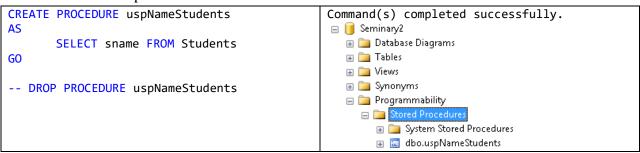
Seminar 3 – Documentations – Examples

Stored procedures:





FIRST – the stored procedure is CREATED



SECOND – the stored procedure is EXECUTED

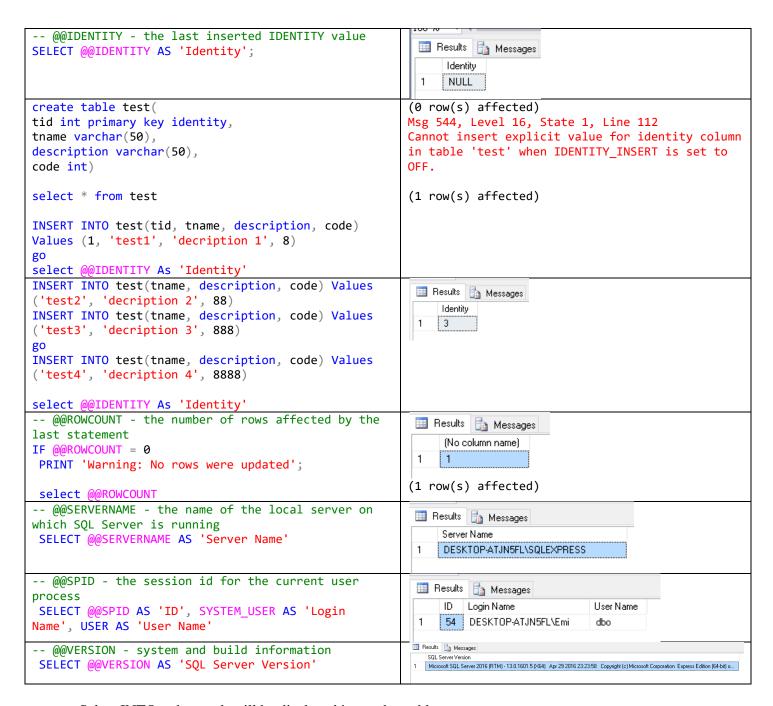


Raiserror - generate an error message and initiates the error processing to the session

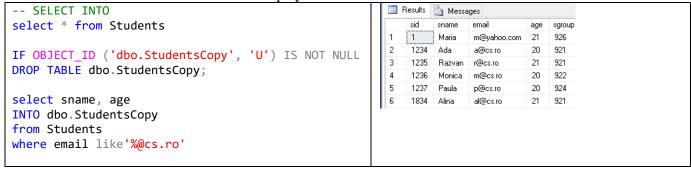
```
RAISERROR (N'This is message %s %d.', -- Message text.
                                                                         This is message number
           10, -- Severity,
           1, -- State,
           N'number', -- First argument.
           5); -- Second argument.
-- The message text returned is: This is message number 5.
RAISERROR (N'<\<%*.*s>>', -- Message text.
                                                                         <\<
                                                                                abc>>
           10, -- Severity,
           1, -- State,
           7, -- First argument used for width.
           3, -- Second argument used for precision.
           N'abcde'); -- Third argument supplies the string.
-- The message text returned is: <<
                                       abc>>.
RAISERROR (N'<\<%7.3s>>', -- Message text.
                                                                         <\<
                                                                                abc>>
           10, -- Severity,
           1, -- State,
           N'abcde'); -- First argument supplies the string.
-- The message text returned is: <<
                                       abc>>.
G0
OR
DECLARE @StringVariable NVARCHAR(50);
SET @StringVariable = N'<\<%7.3s>>';
RAISERROR (@StringVariable, -- Message text.
           10, -- Severity,
           1, -- State,
           N'abcde'); -- First argument supplies the string.
-- The message text returned is: <<
GO
```

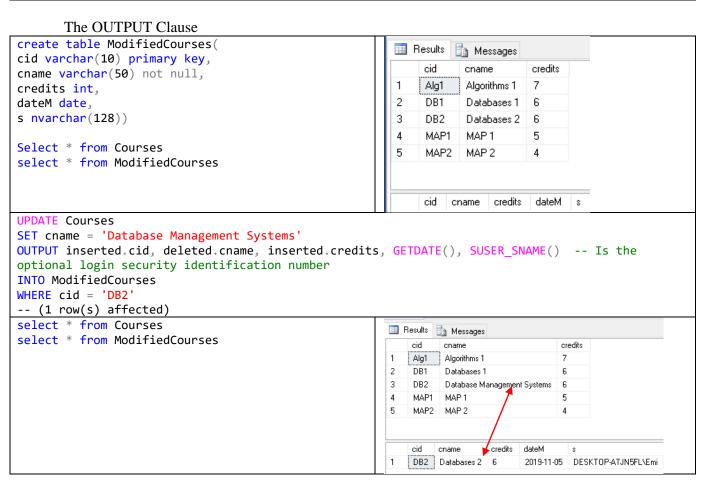
Global Variables

```
-- - @@ERROR - the error number for the last executed T-SQL statement; 0 - no error occurred IF @@ERROR <> 0 PRINT 'Your error message';
```



Select INTO – the result will be displayed in another table





Cursors

```
DECLARE @sid INT, @sname VARCHAR(50)
DECLARE CursorStudents CURSOR FOR
                                                                             The record with the sid=1 has the name Maria
SELECT sid, sname
                                                                             The record with the sid=1234 has the name Ada
FROM Students
                                                                             The record with the sid=1235 has the name Razvan
                                                                             The record with the sid=1236 has the name Monica
OPEN CursorStudents
                                                                             The record with the sid=1237 has the name Paula
FETCH CursorStudents
                                                                             The record with the sid=1834 has the name Alina
INTO @sid, @sname
WHILE @@FETCH STATUS = 0
BEGIN
        --code to proccess @sid, @sname
       print 'The record with the sid=' + CAST(@sid AS
varchar(50)) + ' has the name ' + CONVERT(varchar(50), @sname)
       FETCH CursorStudents
       INTO @sid, @sname
END
CLOSE CursorStudents
DEALLOCATE CursorStudents
```