USE AdventureWorks2012;

GO

IF OBJECT\_ID(N't6', N'U') IS NOT NULL

DROP TABLE t6;

GO

IF OBJECT\_ID(N't7', N'U') IS NOT NULL

DROP TABLE t7;

GO

CREATE TABLE t6(id int IDENTITY);

CREATE TABLE t7(id int IDENTITY(100,1));

GO

CREATE TRIGGER t6ins ON t6 FOR INSERT

AS

BEGIN

INSERT t7 DEFAULT VALUES

END;

GO

--End of trigger definition

SELECT id FROM t6;

--IDs empty.

SELECT id FROM t7;

--ID is empty.

--Do the following in Session 1

INSERT t6 DEFAULT VALUES;

SELECT @@IDENTITY;

/\*Returns the value 100. This was inserted by the trigger.\*/

SELECT SCOPE\_IDENTITY();

/\* Returns the value 1. This was inserted by the

INSERT statement two statements before this query.\*/

SELECT IDENT\_CURRENT('t7');

/\* Returns value inserted into t7, that is in the trigger.\*/

SELECT IDENT\_CURRENT('t6');

/\* Returns value inserted into t6. This was the INSERT statement four statements before this query.\*/

-- Do the following in Session 2.

SELECT @@IDENTITY;

/\* Returns NULL because there has been no INSERT action

up to this point in this session.\*/

SELECT SCOPE\_IDENTITY();

/\* Returns NULL because there has been no INSERT action

up to this point in this scope in this session.\*/

SELECT IDENT\_CURRENT('t7');

/\* Returns the last value inserted into t7.\*/