USE AdventureWorks2012;

GO

-- Create tool table.

CREATE TABLE dbo.Tool(

ID INT IDENTITY NOT NULL PRIMARY KEY,

Name VARCHAR(40) NOT NULL

)

GO

-- Inserting values into products table.

INSERT INTO dbo.Tool(Name) VALUES ('Screwdriver')

INSERT INTO dbo.Tool(Name) VALUES ('Hammer')

INSERT INTO dbo.Tool(Name) VALUES ('Saw')

INSERT INTO dbo.Tool(Name) VALUES ('Shovel')

GO

-- Create a gap in the identity values.

DELETE dbo.Tool

WHERE Name = 'Saw'

GO

SELECT \*

FROM dbo.Tool

GO

-- Try to insert an explicit ID value of 3;

-- should return a warning.

INSERT INTO dbo.Tool (ID, Name) VALUES (3, 'Garden shovel')

GO

-- SET IDENTITY\_INSERT to ON.

SET IDENTITY\_INSERT dbo.Tool ON

GO

-- Try to insert an explicit ID value of 3.

INSERT INTO dbo.Tool (ID, Name) VALUES (3, 'Garden shovel')

GO

SELECT \*

FROM dbo.Tool

GO

INSERT INTO dbo.Tool (ID, Name) VALUES (27, 'Garden shovel')

INSERT INTO dbo.Tool (Name) VALUES ('Plier')

SET IDENTITY\_INSERT dbo.Tool Off

GO

INSERT INTO dbo.Tool (Name) VALUES ('Plier')

SELECT \*

FROM dbo.Tool

GO