SQL

* Create Table

CREATE TABLE <TableName>

(

ID INT IDENTITY(1,1),

AnotherId GUID Not Null,

Description Varchar(20),

CONSTRAINT [PK\_TableName] PRIMARY KEY CLUSTERED(ID)

)

* Data Types
  + dec, dec(), decimal(p,[s]) numeric == decimal
    - p – precision 1->38 total number of digits in number
    - s – scale (number of decimal places)
  + bigint – 8 Bytes ( -2^63 to 2^63-1 )
  + int – 4 Bytes ( -2^31 to -2^31-1 )
  + smallint – 2 Bytes ( -2^15 to -2^15-1 )
  + tinyint – 1 Byte ( 0 to 255 )
  + bit (Boolean) – 0 or 1
  + money - 8 bytes
  + smallmoney – 4 bytes
* Add Column

ALTER TABLE ADD

* Alter Column
* Add Constraint
* Create View
* Create Stored Procedure
* Execute Stored Procedure
* Create Function
* Execute Function
* Looping with a Cursor

--Using Cursor

DECLARE @MyCursor CURSOR;

DECLARE @MyMainId int

DECLARE @Value as MONEY

SET @Value = 10.00

SET @MyCursor = CURSOR FOR SELECT MainId FROM [EntityFrameworkDemo].[dbo].[tblMain]

OPEN @MyCursor

FETCH NEXT FROM @MyCursor INTO @MyMainId

WHILE @@FETCH\_STATUS = 0

BEGIN

UPDATE tblMain SET Amount = ROUND(@Value \* RAND(),2) WHERE MainID = @MyMainId

FETCH NEXT FROM @MyCursor INTO @MyMainId

END;

CLOSE @MyCursor ;

DEALLOCATE @MyCursor;