CREATE TABLE Product

CREATE PROCEDURE ProductProcedure

AS

BEGIN

CREATE TABLE Product (ProductID int, ProductDescription VARCHAR(100),ProductAuthor VARCHAR(100)

ALTER TABLE Product ADD (ProductName VARCHAR(100)

SELECT \* FROM Product

INSERT INTO Product VALUES (501,’Pen’)

UPDATE Product SET ProductName=’Pencil’ where ProductID=501

END

CREATE Procedure ProductDescriptionProcedure

AS

BEGIN

CREATE TABLE ProductDescription(ProductDescriptionID INT, ProductAddress VARCHAR(100), ProductDetails VARCHAR(100),Price INT,ProductID,INT)

INSERT INTO ProductDescription VALUES (1,’HYD’,’It Is a Pen’,120,501)

SELECT \* FROM ProductDescription

SELECT Count(Price), From ProductDescriptionID, ProductAddress, ProductID, Price FROM ProductDescription

END

EXEC ProductProcedure

CREATE TABLE Product

(

id INTEGER PRIMARY KEY,

first\_name VARCHAR(20),

last\_name VARCHAR(20),

Salary DECIMAL(20,3),

country VARCHAR(30),

)

INSERT INTO Product VALUES(1,'Mounica','Chava',22000,'India');

INSERT INTO Product VALUES(2,'Sahithi','Chava',42000,'USA');

INSERT INTO Product VALUES(3,'Mouni','Cha',11000,'CANADA');

INSERT INTO Product VALUES(4,'Shershta','Chemal',12500,'USA')

SELECT \* FROM Product

create procedure InserUpdate

(

@id INTEGER,

@first\_name VARCHAR(20),

@last\_name VARCHAR(20),

@Salary DECIMAL(20,3),

@country VARCHAR(30),

@StatementType nvarchar(20)=''

)

AS

IF @StatementType='Insert'

BEGIN

insert into Product(id,first\_name,last\_name,Salary,country) values(@id,@first\_name,@last\_name,@Salary,@country)

END

IF @StatementType='Select'

BEGIN

select \* from Product

END

IF @StatementType='Update'

BEGIN

update Product set first\_name=@first\_name, last\_name=@last\_name,Salary=@Salary, country=@country WHERE id=@id

END

If @StatementType='Delete'

BEGIN

delete from Product where id=@id

END

exec InserUpdate @id=9,

@first\_name='Eva',

@last\_name='lin',

@Salary =190,

@country='Aust',

@StatementType ='Insert'

Select \* from Product

Output parameters

**Functions:**

Create FUNCTION [dbo].[addnumbers]

(

@firstnumber int,

@secondnumber int

)

RETURNS int

AS

BEGIN

DECLARE @Result int

SELECT @Result=@firstnumber+@secondnumber;

RETURN @Result

END

CREATE PROCEDURE [dbo].[callingfun]

(

@firstnumber int,

@secondnumber int

)

AS

BEGIN

declare @setval int

SELECT [dbo].[addnumbers](@firstnumber,@secondnumber)

END

[callingfun] 2,302

**Trigger:**

create or alter trigger ct\_addnumbertrigger on Product

AFTER INSERT

As

BEGIN

print('Records inserted succefully')

END

**Update:**

create or alter trigger ct\_triggerproduct on dbo.Product

FOR update

AS

BEGIN

Update Product set last\_name='chava' where id in (select id from inserted)

END