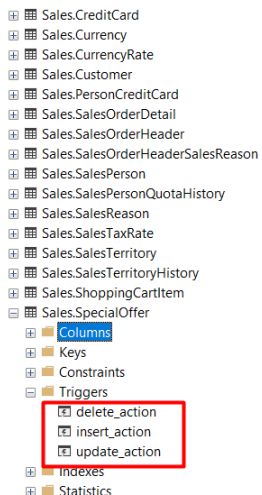


## Задание 1:

b)

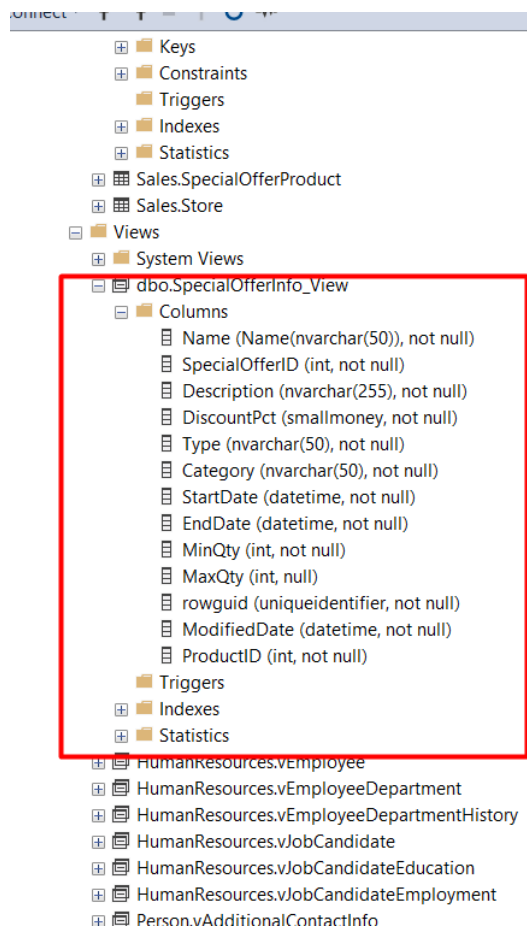


```
CREATE TRIGGER Sales.insert_action
ON Sales.SpecialOffer
AFTER INSERT AS
INSERT INTO Sales.SpecialOfferHst(Action, ModifiedDate, SourceID, UserName)
SELECT 'INSERT', GETDATE(), ins.SpecialOfferID, USER_NAME()
FROM inserted AS ins;
GO

CREATE TRIGGER Sales.update_action
ON Sales.SpecialOffer
AFTER UPDATE AS
INSERT INTO Sales.SpecialOfferHst(Action, ModifiedDate, SourceID, UserName)
SELECT 'UPDATE', GETDATE(), ins.SpecialOfferID, USER_NAME()
FROM inserted AS ins;
GO

CREATE TRIGGER Sales.delete_action
ON Sales.SpecialOffer
AFTER DELETE AS
INSERT INTO Sales.SpecialOfferHst(Action, ModifiedDate, SourceID, UserName)
SELECT 'DELETE', GETDATE(), del.SpecialOfferID, USER_NAME()
FROM deleted AS del;
GO
```

c-d)



```
CREATE VIEW Sales.SpecialOffer_View
WITH ENCRYPTION
AS
SELECT *
FROM Sales.SpecialOffer
go

INSERT INTO Sales.SpecialOffer_View (
    Description,
    DiscountPct,
    Type,
    Category,
    StartDate,
    EndDate,
    MinQty,
    MaxQty,
    ModifiedDate)
VALUES (
    'insert_action',
    10,
    'INSERT',
    'Action',
    GETDATE(),
    GETDATE(),
    2,
    5,
    GETDATE()
);
go

UPDATE Sales.SpecialOffer_View
SET
```

## Задание2:

c)

```
-- c)
INSERT INTO Sales.SpecialOfferInfo_View (
    Category,
    Description,
    DiscountPct,
    EndDate,
    MaxQty,
    MinQty,
    ModifiedDate,
    RowGuid,
    StartDate,
    Type,
    ProductID,
    Name
)
VALUES ('category', 'description', 1, GETDATE(), 1, 1, GETDATE(), NEWID(), GETDATE(), 'type', 1, 'Adjustable Race')
```

Results Messages

Name	SpecialOfferID	Description	DiscountPct	Type	Category	StartDate	EndDate	MinQty	MaxQty	rowguid	ModifiedDate	Pro
Adjustable Race	28	description	1.00	type	category	2020-11-03 22:25:05.323	2020-11-03 22:25:05.323	1	1	84527066-8AF5-4741-BEFD-7FD9D6759A4F	2020-11-03 22:25:05.323	1

d)

```
UPDATE Sales.SpecialOfferInfo_View SET
    Category = 'category',
    Description = 'new description',
    DiscountPct = 13.13,
    EndDate = GETDATE(),
    MaxQty = 10,
    MinQty = 5,
    ModifiedDate = GETDATE(),
    RowGuid = NEWID(),
    StartDate = GETDATE(),
    Type = 'type',
    Name = 'Adjustable Race'
WHERE Category = 'category'

SELECT * FROM Sales.SpecialOfferInfo_View WHERE Category = 'category';
```

Results Messages

Name	SpecialOfferID	Description	DiscountPct	Type	Category	StartDate	EndDate	MinQty	MaxQty	rowguid	ModifiedDate	Pro
Adjustable Race	28	description	1.00	type	category	2020-11-03 22:25:05.323	2020-11-03 22:25:05.323	1	1	84527066-8AF5-4741-BEFD-7FD9D6759A4F	2020-11-03 22:25:05.323	1

Name	SpecialOfferID	Description	DiscountPct	Type	Category	StartDate	EndDate	MinQty	MaxQty	rowguid	ModifiedDate	Pro
Adjustable Race	28	new description	13.13	type	category	2020-11-03 22:25:05.323	2020-11-03 22:25:05.323	5	10	BF970D57-B54E-4185-B27B-E5A9B034789D	2020-11-03 22:25:05.323	1

e)

```
DELETE FROM Sales.SpecialOfferInfo_View
WHERE Category = 'category'

SELECT * FROM Sales.SpecialOfferInfo_View WHERE Category = 'category'
```

%  
Results Messages

Name	SpecialOfferID	Description	DiscountPct	Type	Category	StartDate	EndDate	MinQty	MaxQty	rowguid	ModifiedDate
Adjustable Race	28	new description	13.13	type	category	2020-11-03 22:25:05.323	2020-11-03 22:25:05.323	5	10	BF970D57-B54E-4185-B27B-E5A9B034789D	2020-11-03 22:25:05.323

Name	SpecialOfferID	Description	DiscountPct	Type	Category	StartDate	EndDate	MinQty	MaxQty	rowguid	ModifiedDate	ProductID
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