## Задание 1:

b)

```
□CREATE TRIGGER Sales.insert action
ON Sales.SpecialOffer

    ⊞ Sales.CurrencyRate

                                                 AFTER INSERT AS

    ⊞ Sales.Customer
                                                     INSERT INTO Sales.SpecialOfferHst(Action, ModifiedDate, SourceID, UserName)

    ⊞ Sales.PersonCreditCard

                                                     SELECT 'INSERT', GETDATE(), ins.SpecialOfferID, USER_NAME()
FROM inserted AS ins;

    ⊞ Sales.SalesOrderHeader

    ⊞ Sales.SalesOrderHeaderSalesReason

    ⊞ Sales.SalesPerson

                                                □CREATE TRIGGER Sales update_action
ON Sales.SpecialOffer

    ⊞ Sales.SalesReason

    ■ ■ Sales Sales TaxRate

                                                     INSERT INTO Sales.SpecialOfferHst(Action, ModifiedDate, SourceID, UserName)

    ⊞ Sales.SalesTerritory

                                                     SELECT 'UPDATE', GETDATE(), ins.SpecialOfferID, USER_NAME()
FROM inserted AS ins;

    ⊞ Sales.ShoppingCartItem

⊞ ■ Kevs
                                                CREATE TRIGGER Sales delete action
  ON Sales.SpecialOffer

    □ Triggers

                                                 AFTER DELETE AS
     🗷 delete_action
                                                     INSERT INTO Sales.SpecialOfferHst(Action, ModifiedDate, SourceID, UserName)

■ insert_action

                                                     SELECT 'DELETE', GETDATE(), del.SpecialOfferID, USER_NAME()
     update action
                                                     FROM deleted AS del;
```

## c-d)

```
OHIICCE .
      т т -
                                                  □CREATE VIEW Sales SpecialOffer_View
       WITH ENCRYPTION
       AS
         Triggers
                                                   SELECT *
       FROM Sales.SpecialOffer
       □INSERT INTO Sales.SpecialOffer_View (
    ■ Wiews
                                                       Description,
      DiscountPct,

□ I dbo.SpecialOfferInfo_View

                                                       Type,
        ■ Name (Name(nvarchar(50)), not null)
                                                       Category,
                                                       StartDate,

■ SpecialOfferID (int, not null)

                                                       EndDate,
           ■ Description (nvarchar(255), not null)
                                                      MinQty,
           ☐ DiscountPct (smallmoney, not null)

        ∃ Type (nvarchar(50), not null)

                                                       MaxQty,
           ☐ Category (nvarchar(50), not null)
                                                      ModifiedDate)

    ■ StartDate (datetime, not null)

                                                   VALUES (
           目 EndDate (datetime, not null)
                                                       'insert action',

    ■ MaxQty (int, null)

                                                       'INSERT',

  □ rowguid (uniqueidentifier, not null)

                                                       'Action',
           ■ ModifiedDate (datetime, not null)
                                                      GETDATE(),
           ■ ProductID (int, not null)
                                                      GETDATE(),
         Triggers
                                                       2,
       5,
       GETDATE()
      🛨 🗐 Humankesources.vempioyee
                                                   );
      go
      \blacksquare \blacksquare HumanResources.vJobCandidate
                                                  ■UPDATE Sales.SpecialOffer View
      108 %
```

## Задание2:

c)

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

        Name
        SpecialOfferID
        Description
        DiscountPct
        Type
        Category
        StartDate
        EndDate
        Mir

        Adjustable Race
        28
        description
        1.00
        type
        category
        2020-11-03 22:25:05.323
        2020-11-03 22:25:05.323
        2020-11-03 22:25:05.323

                                                                                                                      MinQty MaxQty rowguid
                                                                                                                                                                              ModifiedDate
                                                                                                                                      84527066-8AF5-4741-BEFD-7FD9D6759A4F 2020-11-03 22:25:05.323
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
                  SpecialOfferID Description DiscountPct Type Category StartDate
                                                                                              EndDate
                                                                                                                     MinQty MaxQty rowguid
                                                                                                                                                                            ModifiedDate
                               description 1.00
                                                      type category 2020-11-03 22:25:05.323 2020-11-03 22:25:05.323 1
                                                                                                                                     84527066-8AF5-4741-BEFD-7FD9D6759A4F 2020-11-03 22:25:05.323
  Name
                 SpecialOfferID Description
                                              DiscountPct Type Category StartDate
                                                                                                 EndDate
                                                                                                                        MinQty MaxQty rowguid
                                                                                                                                                                                ModifiedDate
                                                           type category 2020-11-03 22:25:05.323 2020-11-03 22:25:05.323 5
                                                                                                                                         BF970D57-B54E-4185-B27B-E5A9B034789D 2020-11-03 22:25:05.323
```

```
e)

DELETE FROM Sales.SpecialOfferInfo_View
WHERE Category = 'category'

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

%

Results gill Messages

Name SpecialOfferID Description DiscountPct Type Category StartDate EndDate MinOty MaxOty rowguid BF970057-854E-4185-8278-E5498034789D 2020-11-03 22:25:05:323

Name SpecialOfferID Description DiscountPct Type Category StartDate EndDate MinOty MaxOty rowguid BF970057-854E-4185-8278-E5498034789D 2020-11-03 22:25:05:323
```