Биткин Н.С., гр. 751001.

Лабораторная №4, Вариант 3.

Задание 4.1

a), b)

c)

Connect ▾

Purchasing.PurchaseOrderDetail
Purchasing.PurchaseOrderHeader
Purchasing.ShipMethod
Purchasing.Vendor
Sales.CountryRegionCurrency
Sales.CreditCard
Sales.Currency
Sales.CurrencyRate
Sales.Customer
Sales.PersonCreditCard
Sales.SalesOrderDetail
Sales.SalesOrderHeader
Sales.SalesOrderHeaderSalesReason
Sales.SalesPerson
Sales.SalesPersonQuotaHistory
Sales.SalesReason
Sales.SalesTaxRate
Sales.SalesTerritory
Sales.SalesTerritoryHistory
Sales.ShoppingCartItem
Sales.SpecialOffer
Sales.SpecialOfferProduct
Sales.Store
Views
  System Views
  HumanResources.vEmployee
  HumanResources.vEmployeeDepartment
  HumanResources.vEmployeeDepartmentHistory
  HumanResources.vJobCandidate
  HumanResources.vJobCandidateEducation
  HumanResources.vJobCandidateEmployment
  Person.vAdditionalContactInfo
  Person.vStateProvinceCountryRegion
  Production.VI_WorkOrder

SQLQuery23.sql - DE...\Nikita Bitkin (62))* ×   V3_1.sql - DESKTOP-...\Nikit

```sql
GO

CREATE VIEW [Production].[VI_WorkOrder] AS SELECT * FROM [Producti
GO

INSERT INTO [Production].[VI_WorkOrder] (
    [ProductID],
    [OrderQty],
    [ScrappedQty],
    [StartDate],
    [EndDate],
    [DueDate],
    [ScrapReasonID],
    [ModifiedDate]
)
VALUES (
    1,
    1337,
    228,
    CURRENT_TIMESTAMP,
    CURRENT_TIMESTAMP,
    CURRENT_TIMESTAMP,
    1,
    CURRENT_TIMESTAMP
);

UPDATE [Production].[VI_WorkOrder]
SET [ModifiedDate] = CURRENT_TIMESTAMP
WHERE ModifiedDate > '2020-10-30';
GO

DELETE FROM [Production].[VI_WorkOrder]
WHERE ModifiedDate > '2020-10-30';
GO

SELECT * FROM [Production].[WorkOrderHst];
GO
```

82 %

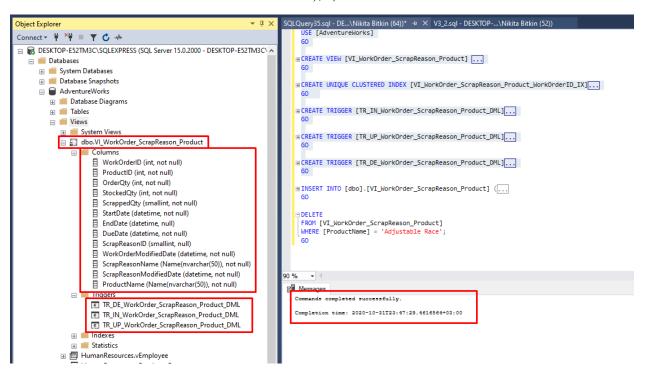Messages

Commands completed successfully.

Completion time: 2020-10-31T20:45:07.2184564+03:00

d)

```sql
INSERT INTO [Production].[VI_WorkOrder] (
    [ProductID],
    [OrderQty],
    [ScrappedQty],
    [StartDate],
    [EndDate],
    [DueDate],
    [ScrapReasonID],
    [ModifiedDate]
)
VALUES (
    1,
    1337,
    228,
    CURRENT_TIMESTAMP,
    CURRENT_TIMESTAMP,
    CURRENT_TIMESTAMP,
    1,
    CURRENT_TIMESTAMP
);

UPDATE [Production].[VI_WorkOrder]
SET [ModifiedDate] = CURRENT_TIMESTAMP
WHERE ModifiedDate > '2020-10-30';
GO

DELETE FROM [Production].[VI_WorkOrder]
WHERE ModifiedDate > '2020-10-30';
GO

SELECT * FROM [Production].[WorkOrderHst];
GO
```

%

Results   Messages

ID	Action	ModifiedDate	SourceID	UserName
1	insert	2020-10-31 20:46:02.587	72592	dbo
2	update	2020-10-31 20:46:02.647	72592	dbo
3	delete	2020-10-31 20:46:02.693	72592	dbo

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(1 row affected)

(3 rows affected)

Completion time: 2020-10-31T20:46:02.7334641+03:00

Задание 4.2.

a), b)

c)

```sql
UPDATE [dbo].[VI_WorkOrder_ScrapReason_Product]
SET
    [OrderQty] = 2,
    [ScrappedQty] = 2,
    [StartDate] = '2020-10-30',
    [EndDate] = '2020-10-30',
    [DueDate] = '2020-10-30',
    [WorkOrderModifiedDate] = '2020-10-30',
    [ScrapReasonName] = 'new reason name',
    [ScrapReasonModifiedDate] = '2020-10-30'
WHERE [ProductName] = 'Adjustable Race';
GO

SELECT TOP(1) * FROM [Production].[WorkOrder]
order by [WorkOrderID] desc

SELECT TOP(1) * FROM [Production].[ScrapReason]
order by [ScrapReasonID] desc

DELETE
FROM [VI_WorkOrder_ScrapReason_Product]
WHERE [ProductName] = 'Adjustable Race';
GO
```

82 %

Results | **Messages**

	WorkOrderID	ProductID	OrderQty	StockedQty	ScrappedQty	StartDate	EndDate	DueDate	ScrapReasonID	ModifiedDate
1	72593	1	1	-1	2	2020-10-30 00:00:00.000	2020-10-30 00:00:00.000	2020-10-30 00:00:00.000	17	2020-10-30 00:00:00.000

	ScrapReasonID	Name	ModifiedDate
1	17	new reason name	2020-10-30 00:00:00.000

```sql
DELETE
FROM [VI_WorkOrder_ScrapReason_Product]
WHERE [ProductName] = 'Adjustable Race';
GO

SELECT TOP(1) * FROM [Production].[WorkOrder]
order by [WorkOrderID] desc

SELECT TOP(1) * FROM [Production].[ScrapReason]
order by [ScrapReasonID] desc
```

%

Results | **Messages**

	WorkOrderID	ProductID	OrderQty	StockedQty	ScrappedQty	StartDate	EndDate	DueDate	ScrapReasonID	ModifiedDate
1	72591	531	26	26	0	2008-07-03 00:00:00.000	2008-07-13 00:00:00.000	2008-07-14 00:00:00.000	NULL	2008-07-13 00:00:00.000

	ScrapReasonID	Name	ModifiedDate
1	16	Wheel misaligned	2002-06-01 00:00:00.000