

Задание 1.

Новые объекты:

Функции:

```
----- #define SUBTASK_1 -----
CREATE FUNCTION [Sales].[SpecialOfferStartDate] (@SpecialOfferID INT)
RETURNS NVARCHAR(50) AS
BEGIN
    DECLARE @StartDate DATETIME
    SELECT @StartDate = [so].[StartDate]
    FROM [Sales].[SpecialOffer] [so]
    WHERE [SpecialOfferID] = @SpecialOfferID;
    RETURN
        DATENAME(mm, @startDate) + ', ' + DATENAME(day, @startDate) + '. ' + DATENAME(dw, @startDate);
END
GO

----- #define SUBTASK_2 -----
CREATE FUNCTION [Sales].[GetSpecialOfferProducts](@SpecialOfferID INT)
RETURNS TABLE AS
RETURN
    SELECT [p].[ProductID], [p].[Name]
    FROM [Sales].[SpecialOfferProduct] [sop]
    INNER JOIN [Production].[Product] [p]
        ON ([p].[ProductID] = [sop].[ProductID])
    WHERE [sop].[SpecialOfferID] = @SpecialOfferID;
GO

----- #define SUBTASK_4 -----
CREATE FUNCTION [Sales].[GetSpecialOfferProductsMulti](@SpecialOfferID int)
RETURNS @result TABLE (
    [ProductID] INT
    , [Name] nvarchar(50))
AS
BEGIN
    INSERT INTO @result
    SELECT
        [p].[ProductID]
        , [p].[Name]
    FROM [Sales].[SpecialOfferProduct] [sop]
    INNER JOIN [Production].[Product] [p]
        ON ([sop].[ProductID] = [p].[ProductID])
    WHERE [sop].[SpecialOfferID] = @SpecialOfferID;
    RETURN;
END
GO
```

Результаты выполнения запросов:

1

Results		Messages
(No column name)		
1	June, 1. Wednesday	

2

Results Messages		
	ProductID	Name
1	680	HL Road Frame - Black, 58
2	706	HL Road Frame - Red, 58
3	707	Sport-100 Helmet, Red
4	708	Sport-100 Helmet, Black
5	709	Mountain Bike Socks, M
6	710	Mountain Bike Socks, L
7	711	Sport-100 Helmet, Blue
8	712	AWC Logo Cap
9	713	Long-Sleeve Logo Jersey, S
10	714	Long-Sleeve Logo Jersey, M
11	715	Long-Sleeve Logo Jersey, L
12	716	Long-Sleeve Logo Jersey, XL
13	717	HL Road Frame - Red, 62
14	718	HL Road Frame - Red, 44
15	719	HL Road Frame - Red, 48
16	720	HL Road Frame - Red, 52
17	721	HL Road Frame - Red, 56
18	722	LL Road Frame - Black, 58
19	723	LL Road Frame - Black, 60
20	724	LL Road Frame - Black, 62
21	725	LL Road Frame - Red, 44
22	726	LL Road Frame - Red, 48
23	727	LL Road Frame - Red, 52
24	728	LL Road Frame - Red, 58
25	729	LL Road Frame - Red, 60
26	730	LL Road Frame - Red, 62

Query executed successfully. DESKTOP-I261Q1N\SQLEXPRESS ... DESKTOP-I261Q1N\eqxba ... AdventureWorks 00:00:00 295 rows

3

Results Messages		
	SpecialOfferID	ProductID Name
1	1	879 All-Purpose Bike Stand
2	1	712 AWC Logo Cap
3	3	712 AWC Logo Cap
4	2	712 AWC Logo Cap
5	4	712 AWC Logo Cap
6	1	877 Bike Wash - Dissolver
7	3	877 Bike Wash - Dissolver
8	2	877 Bike Wash - Dissolver
9	4	877 Bike Wash - Dissolver
10	1	843 Cable Lock
11	2	843 Cable Lock
12	1	952 Chain
13	2	952 Chain
14	1	866 Classic Vest, L
15	1	865 Classic Vest, M
16	3	865 Classic Vest, M
17	2	865 Classic Vest, M
18	1	864 Classic Vest, S
19	3	864 Classic Vest, S
20	2	864 Classic Vest, S
21	4	864 Classic Vest, S
22	1	878 Fender Set - Mountain
23	1	948 Front Brakes
24	2	948 Front Brakes
25	1	945 Front Derailleur
26	2	945 Front Derailleur

Query executed successfully. DESKTOP-I261Q1N\SQLEXPRESS ... DESKTOP-I261Q1N\eqxba ... AdventureWorks 00:00:00 538 rows

Results Messages		
	SpecialOfferID	ProductID Name
1	1	680 HL Road Frame - Black, 58
2	1	706 HL Road Frame - Red, 58
3	1	707 Sport-100 Helmet, Red
4	2	707 Sport-100 Helmet, Red
5	3	707 Sport-100 Helmet, Red
6	8	707 Sport-100 Helmet, Red
7	11	707 Sport-100 Helmet, Red
8	1	708 Sport-100 Helmet, Black
9	2	708 Sport-100 Helmet, Black
10	3	708 Sport-100 Helmet, Black
11	8	708 Sport-100 Helmet, Black
12	11	708 Sport-100 Helmet, Black
13	1	709 Mountain Bike Socks, M
14	2	709 Mountain Bike Socks, M
15	3	709 Mountain Bike Socks, M
16	4	709 Mountain Bike Socks, M
17	1	710 Mountain Bike Socks, L
18	1	711 Sport-100 Helmet, Blue
19	2	711 Sport-100 Helmet, Blue
20	3	711 Sport-100 Helmet, Blue
21	8	711 Sport-100 Helmet, Blue
22	11	711 Sport-100 Helmet, Blue
23	1	712 AWC Logo Cap
24	2	712 AWC Logo Cap
25	3	712 AWC Logo Cap
26	4	712 AWC Logo Cap

Query executed successfully. DESKTOP-I261Q1N\SQLEXPRESS ... DESKTOP-I261Q1N\eqxba ... AdventureWorks 00:00:00 539 rows

4

Results		Messages
	ProductID	Name
1	680	HL Road Frame - Black, 58
2	706	HL Road Frame - Red, 58
3	707	Sport-100 Helmet, Red
4	708	Sport-100 Helmet, Black
5	709	Mountain Bike Socks, M
6	710	Mountain Bike Socks, L
7	711	Sport-100 Helmet, Blue
8	712	AWC Logo Cap
9	713	Long-Sleeve Logo Jersey, S
10	714	Long-Sleeve Logo Jersey, M
11	715	Long-Sleeve Logo Jersey, L
12	716	Long-Sleeve Logo Jersey, XL
13	717	HL Road Frame - Red, 62
14	718	HL Road Frame - Red, 44
15	719	HL Road Frame - Red, 48
16	720	HL Road Frame - Red, 52
17	721	HL Road Frame - Red, 56
18	722	LL Road Frame - Black, 58
19	723	LL Road Frame - Black, 60
20	724	LL Road Frame - Black, 62
21	725	LL Road Frame - Red, 44
22	726	LL Road Frame - Red, 48
23	727	LL Road Frame - Red, 52
24	728	LL Road Frame - Red, 58
25	729	LL Road Frame - Red, 60
26	730	LL Road Frame - Red, 62

Query executed successfully.

DESKTOP-I261Q1N\SQLEXPRESS ...DESKTOP-I261Q1N\eqxba ...AdventureWorks00:00:00295 rows