**Нахождение самого продаваемого товара в выбранной категории у выбранной компании за определенный период**

USE [Продажа\_товаров]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[PopularInKategoryInDate] Script Date: 28.12.2022 18:19:23 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[PopularInKategoryInDate]

@name\_company AS nvarchar(50),

@name\_kategory AS nvarchar(50),

@dateStart AS date,

@dateStop AS date

AS

BEGIN

IF (@name\_company in (SELECT name\_company FROM Company) AND @dateStart < @dateStop )

BEGIN

SELECT TOP 1 name\_product,

sum(count\_product) over (partition by PC.id\_product) count\_prod\_kat,

name\_kategory,

sum(price\_product) over (partition by PC.id\_product) sum\_price\_kat,

name\_company

FROM Cashier Cash JOIN Cheque Ch ON Cash.id\_cashier = Ch.id\_cashier

JOIN [Product-Cheque] PC ON Ch.id\_fisc\_check = PC.id\_fisc\_check

JOIN Product Prod ON Prod.id\_product = PC.id\_product

JOIN Kotegory Kat ON Prod.id\_kategory = Kat.id\_kategory

JOIN Company Com ON Com.id\_company = Cash.id\_company

WHERE name\_company = @name\_company AND

name\_kategory = @name\_kategory AND

CAST(date\_time as date) > @dateStart AND

CAST(date\_time as date) < @dateStop

ORDER BY count\_prod\_kat DESC

RETURN 4

END

ELSE

BEGIN

RETURN 0

END

END

**Нахождение количества и суммы (на которую продали товара) для каждого товара за 2 недели с выбранной даты у определенной компании**

USE [Продажа\_товаров]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[CountProductSell] Script Date: 28.12.2022 18:09:20 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[CountProductSell]

@name\_company AS nvarchar(50),

@date\_start AS date

AS

BEGIN

IF (@name\_company in (SELECT name\_company FROM Company))

BEGIN

DECLARE @date\_end as datetime

SELECT @date\_end = (SELECT DateAdd(DAY, 14, @date\_start))

SELECT name\_product,

sum(count\_product) over (partition by Prod.id\_product) sum\_prod,

sum(price\_product) over (partition by Prod.id\_product) sum\_price\_prod

FROM Cashier Cash JOIN Cheque Ch ON Cash.id\_cashier = Ch.id\_cashier

JOIN [Product-Cheque] PC ON Ch.id\_fisc\_check = PC.id\_fisc\_check

JOIN Product Prod ON Prod.id\_product = PC.id\_product

JOIN Company Com ON Com.id\_company = Cash.id\_company

WHERE name\_company = @name\_company AND CAST(date\_time AS date) > @date\_start AND date\_time < @date\_end

--SELECT @name\_company = 'ООО "Citilink"',

--@date\_start = '2022-12-15'

RETURN 4

END

ELSE

BEGIN

RETURN 0

END

END

**Выводятся все продукты с их количеством и суммой, проданных определенной компанией за определенный промежуток времени**

USE [Продажа\_товаров]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[AllProductsForPeriod] Script Date: 28.12.2022 17:58:33 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[AllProductsForPeriod]

@name\_company AS nvarchar(50),

@dateStart AS date,

@dateStop AS date

AS

BEGIN

IF (@name\_company in (SELECT name\_company FROM Company))

BEGIN

SELECT DISTINCT

name\_kategory,

name\_product,

sum(count\_product) over (partition by name\_company, name\_product) count\_buy,

unit\_of\_measurement,

sum(price\_product) over (partition by name\_company, name\_product) sum\_buy

FROM Cheque Ch

JOIN [Product-Cheque] PC ON Ch.id\_fisc\_check = PC.id\_fisc\_check

JOIN Product Prod ON Prod.id\_product = PC.id\_product

JOIN Unit\_of\_measurement Unit ON Unit.id\_unit\_of\_measurement = Prod.id\_unit\_of\_measurement

JOIN Kotegory Kat ON Kat.id\_kategory = Prod.id\_kategory

JOIN Cashier Cash ON Cash.id\_cashier = Ch.id\_cashier

JOIN Company Com ON Com.id\_company = Cash.id\_company

WHERE name\_company = @name\_company AND CAST(date\_time as date) > @dateStart AND CAST(date\_time as date) < @dateStop

RETURN 4

END

ELSE

BEGIN

RETURN 0

END

END

**Процедура нахождения работников месяца данной компании, за данный период по месяцам (работник месяца - тот кто продал товара на большую сумму)**

USE [Продажа\_товаров]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[BestCashierOnMounth] Script Date: 28.12.2022 18:07:40 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[BestCashierOnMounth]

@name\_company AS nvarchar(50),

@start\_dat AS date,

@stop\_dat as date

AS

BEGIN

IF (@name\_company in (SELECT name\_company FROM Company) AND @start\_dat < @stop\_dat )

BEGIN

SELECT \* FROM AllBestCashier

WHERE Date >= left(convert(varchar, @start\_dat, 120), 7)

AND Date <= left(convert(varchar, @stop\_dat, 120), 7)

AND name\_company = @name\_company

RETURN 4

END

ELSE

BEGIN

RETURN 0

END

END

**Вывод среднего значения вычисляемых полей в чеке для выбранной компании и за определенный период по месяцам**

USE [Продажа\_товаров]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[AVGoneCheque] Script Date: 28.12.2022 18:04:49 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROCEDURE [dbo].[AVGoneCheque]

@name\_company AS nvarchar(50),

@start\_dat AS date,

@stop\_dat as date

AS

BEGIN

IF (@name\_company in (SELECT name\_company FROM Company) AND @start\_dat < @stop\_dat )

BEGIN

SELECT name\_company, Date, ROUND(AVG(count\_product\_strings), 2) avg\_count\_strings,

ROUND(AVG(result), 2) avg\_result, ROUND(AVG(count\_product), 2) avg\_count\_prod

FROM Cheque Ch JOIN Cashier Cash ON Ch.id\_cashier = Cash.id\_cashier

JOIN [Product-Cheque] PC ON Ch.id\_fisc\_check = PC.id\_fisc\_check

JOIN Company Com ON Com.id\_company = Cash.id\_company

JOIN (SELECT DISTINCT id\_fisc\_check, left(convert(varchar, date\_time, 120),7) Date FROM Cheque) CC

ON CC.id\_fisc\_check = Ch.id\_fisc\_check

WHERE Date >= left(convert(varchar, @start\_dat, 120), 7)

AND Date <= left(convert(varchar, @stop\_dat, 120), 7)

AND name\_company = @name\_company

GROUP BY name\_company, Date

RETURN 4

END

ELSE

BEGIN

RETURN 0

END

END