

ADMINISTRAREA BAZEI DE DATE A UNUI MAGAZIN ONLINE DE HAINE

PROIECT BAZE DE DATE



Sd. Cap. Buzatoiu Alexandra-Ioana

Grupa: C-112D

Cuprins

1. Cuprins	2
2.Descrierea aplicatiei.....	3
3.Diagrama bazei de date	5
4.Crearea Tabelelor	6
5.Tabele si continutul lor	14
6.Interogari de selectie	22
7.VIEW-uri.....	41
8.Triggere	50
9.Proceduri stocate	59
10.Insert,Delete,Update	68
11.Tranzactii	102
12.Administrarea bazei date(fișiere,log)	113

2. DESCRIEREA APLICATIEI

Tema proiectului: Gestionarea unui magazin online de fashion, raportat la mijloacele de marketing specifice zilelor noastre.

Se poate observa ca din cauza pandemiei, si nu numai, majoritatea firmelor si-au mutat activitatea in online, astfel, obligand persoane de toate varstele sa se familiarizeze cu utilizarea internetului.

Adolescentii din ziua de astazi s-au adaptat cel mai rapid la aceasta trecere, din moment ce viata lor se desfasoara in mare parte in mediul online (media este de 6h pe zi petrecute pe aplicatii de genul TikTok, Instagram). Televizorul, deja, nu mai poate livra volumul de informatie la care milenialii se asteapta. Din acest motiv, reclamele costisitoare (ce aveau in spate multa munca din toate domeniile, de la multimedia la teatru), au devenit inutile. Marile branduri si-au dat seama de acest aspect si au inceput sa investeasca inteligent intr-un alt tip de promovare, adaptata Lumii Noi.

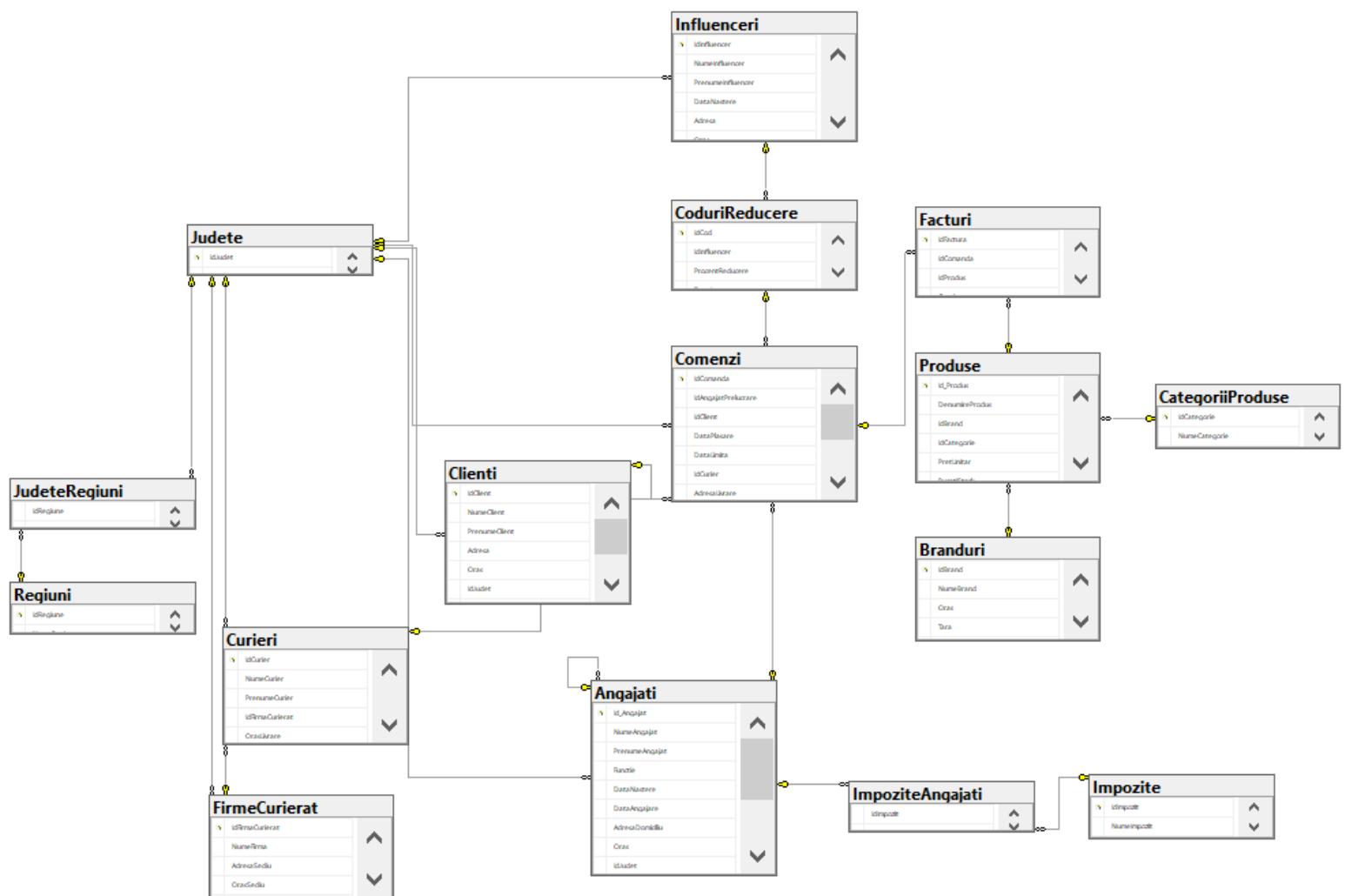
Noul val pe Instagram este categoria Influencerilor - „Humans based on the internet”. Ce presupune acest val? Oameni cu anumite calitati sau capabilitati (fizice, sociale, ...etc), isi expun public viata, gandurile, opiniile. Ei portreteaza o viata ideală („instagramabila”), sau cu bune si rele (depinde de trend), iar utilizatorii de rand, in cautare de inspiratie, poze, idei de fotografii, haine, in cautare de rutine dietetice, pentru ingrijirea pielii, le asculta sfaturile. Avand in vedere ca influencerii sunt urmariti de zeci de mii, sute de mii, sau chiar milioane de oameni (toti acei oameni le vad postarile), au o acoperire extrem de larga, mult mai cuprinsatoare chiar decat o reclama la cel mai cunoscut post de televiziune. Un alt avantaj de marketing este ca au acoperire pe zona adolescentilor si tinerilor, care nu au neaparat o educatie financiara bine formata si sunt dornici sa achizitioneze orice noi produse.

Rezultatul este urmatorul: firme si branduri mici sau mari, distribuie produsele lor influencerilor gratuit, pentru ca acestia sa le promoveze pe profilul lor, si astfel, sa fie cumparate de urmaritori. Unii influenceri pot ajunge chiar la colaborari serioase cu brandurile, distribuind coduri de reducere pe profilul lor. In functie de ce profit a fost obtinut de brand/firma in urma utilizarii codului de reducere al unui influencer, acel influencer va fi rasplatit in produse sau remunerat (o anumita suma de bani va merge la el).

Logica acordarii codurilor de reducere catre influenceri este urmatoarea: un influencer cu multi urmaritori va primi un cod de reducere cu un procent mai mic decat un influencer cu mai putini urmaritori. De ce? Avand in vedere ca influencerul X are 1.000.000 urmaritori, e foarte probabil ca multe persoane sa foloseasca acel cod (ajunge la ei), deci firma ar iesi in pierdere daca ar acorda in procent ridicat. Conturile mai putin urmarite, de exemplu, influencerul Y, cu 50.000 de urmaritori, va primi un cod mai mare de reducere decat codul X, pentru ca il vad mai putini oameni. Influencerul Y nu va fi remunerat, pentru ca el primeste deja beneficiul popularizarii profilului sau (avand un procent mai mare de reducere, „se duce vorba”).

In cadrul aplicatiei prezentate de mine, **Clientii** plaseaza **Comenzi**, care pot contine mai multe tipuri de **Produse** de diferite **Categorii**, realizate de diferite **Branduri**, in diferite cantitati, retinute prin **Facturi**. Comenzilor li se aplica un **Cod de Reducere** corespunzator **Influencerului** pe care clientul l-a ales. Comanda este ulterior livrata de un **Curier**, angajat la o **Firma de Curierat**, intr-un **Judet** dintr-o anumita **Regiune** a tarii. Evident, in companie, comenzile sunt prelucrate de **Angajati**, care au salarii, si pentru stabilirea acestora se aplica **Impozite**.

3. DIAGRAMA BAZEI DE DATE



4. CREAREA TABELELOR

CREATE DATABASE PROIECT

```
CREATE TABLE [dbo].[Angajati](  
    [Id_Angajat] [int] IDENTITY(1,1) NOT NULL,  
    [NumeAngajat] [nvarchar](64) NOT NULL,  
    [PrenumeAngajat] [nvarchar](64) NOT NULL,  
    [Functie] [nvarchar](64) NOT NULL,  
    [DataNastere] [date] NOT NULL,  
    [DataAngajare] [date] NOT NULL,  
    [AdresaDomiciliu] [nvarchar](64) NOT NULL,  
    [Oras] [nvarchar](64) NOT NULL,  
    [IdJudet] [int] NOT NULL,  
    [CodPostal] [nvarchar](64) NOT NULL,  
    [SefDirect] [int] NULL,  
    [Telefon] [nvarchar](64) NOT NULL,  
    [SalariuBrut] [float] NOT NULL)
```

```
CREATE TABLE [dbo].[Branduri](  
    [IdBrand] [int] IDENTITY(500,1) NOT NULL,  
    [NumeBrand] [nvarchar](64) NOT NULL,  
    [Oras] [nvarchar](64) NOT NULL,  
    [Tara] [nvarchar](64) NOT NULL,  
    [PersoanaContact] [nvarchar](64) NOT NULL,  
    [TelefonContact] [nvarchar](64) NOT NULL)
```

```
CREATE TABLE [dbo].[CategoriiProduse](
```

```
[IdCategorie] [int] IDENTITY(100,1) NOT NULL,  
[NumeCategorie] [nvarchar](64) NOT NULL,  
[DescriereCategorie] [nvarchar](64) NULL
```

```
CREATE TABLE [dbo].[Clienti](  
[IdClient] [int] IDENTITY(1,1) NOT NULL,  
[NumeClient] [nvarchar](64) NOT NULL,  
[PrenumeClient] [nvarchar](64) NOT NULL,  
[Adresa] [nvarchar](64) NOT NULL,  
[Oras] [nvarchar](64) NOT NULL,  
[IdJudet] [int] NOT NULL,  
[Mail] [nvarchar](64) NOT NULL,  
[Telefon] [nvarchar](64) NOT NULL,  
[DataNastere] [date] NOT NULL)
```

```
CREATE TABLE [dbo].[CoduriReducere](  
[IdCod] [int] IDENTITY(1,1) NOT NULL,  
[IdInfluencer] [int] NULL,  
[ProcentReducere] [int] NOT NULL,  
[DataIntrare] [date] NOT NULL,  
[DataSfarsit] [date] NOT NULL)
```

```
CREATE TABLE [dbo].[Comenzi](  
[IdComanda] [int] IDENTITY(1,1) NOT NULL,  
[IdAngajatPrelucrare] [int] NOT NULL,  
[IdClient] [int] NOT NULL,  
[DataPlasare] [date] NOT NULL,  
[DataLimita] [date] NOT NULL,  
[IdCurier] [int] NOT NULL,  
[AdresaLivrare] [nvarchar](64) NOT NULL,  
[OrasLivrare] [nvarchar](64) NOT NULL,  
[IdJudetLivrare] [int] NOT NULL,  
[IdCod] [int] NOT NULL)
```

```
CREATE TABLE [dbo].[Curieri](
```

```
[IdCurier] [int] IDENTITY(1,1) NOT NULL,  
[NumeCurier] [nvarchar](64) NOT NULL,  
[PrenumeCurier] [nvarchar](64) NOT NULL,  
[IdFirmaCurierat] [int] NOT NULL,  
[OrasLivrare] [nvarchar](64) NOT NULL,  
[IdJudetLivrare] [int] NOT NULL,  
[TelefonCurier] [nvarchar](64) NOT NULL)
```

```
CREATE TABLE [dbo].[Facturi](  
[IdFactura] [int] IDENTITY(1,1) NOT NULL,  
[IdComanda] [int] NOT NULL,  
[IdProdus] [int] NOT NULL,  
[Cantitate] [int] NOT NULL,  
[PretUnitar] [money] NOT NULL)
```

```
CREATE TABLE [dbo].[FirmeCurierat](  
[IdFirmaCurierat] [int] IDENTITY(1,1) NOT NULL,  
[NumeFirma] [nvarchar](64) NOT NULL,  
[AdresaSediul] [nvarchar](64) NOT NULL,  
[OrasSediul] [nvarchar](64) NOT NULL,  
[IdJudetSediul] [int] NOT NULL,  
[TelefonSediul] [nvarchar](64) NOT NULL)
```

```
CREATE TABLE [dbo].[Impozite](  
[IdImpozit] [int] IDENTITY(1,1) NOT NULL,  
[NumeImpozit] [nvarchar](64) NOT NULL,  
[ProcentImpozit] [int] NOT NULL)
```

```
CREATE TABLE [dbo].[ImpoziteAngajati](  
[IdImpozit] [int] NOT NULL,  
[IdAngajat] [int] NOT NULL)
```

```
CREATE TABLE [dbo].[Influenceri](
```

```
[IdInfluencer] [int] IDENTITY(1,1) NOT NULL,  
[NumeInfluencer] [nvarchar](64) NOT NULL,  
[PrenumeInfluencer] [nvarchar](64) NOT NULL,  
[DataNastere] [date] NOT NULL,  
[Adresa] [nvarchar](64) NOT NULL,  
[Oras] [nvarchar](64) NOT NULL,  
[IdJudet] [int] NOT NULL,  
[NumarUrmatoriiInstagram] [int] NOT NULL)
```

```
CREATE TABLE [dbo].[Judete](  
    [IdJudet] [int] IDENTITY(1,1) NOT NULL,  
    [NumeJudet] [nvarchar](64) NOT NULL)
```

```
CREATE TABLE [dbo].[JudeteRegiuni](  
    [IdRegiune] [int] NOT NULL,  
    [IdJudet] [int] NOT NULL)
```

```
CREATE TABLE [dbo].[Produse](  
    [Id_Produs] [int] IDENTITY(1,1) NOT NULL,  
    [DenumireProdus] [nvarchar](64) NOT NULL,  
    [IdBrand] [int] NOT NULL,  
    [IdCategorie] [int] NOT NULL,  
    [PretUnitar] [money] NOT NULL,  
    [BucatiStock] [int] NULL,  
    [BucatiRezervateCos] [int] NULL,  
    [BucatiComanda] [int] NULL)
```

```
CREATE TABLE [dbo].[Regiuni](  
    [IdRegiune] [int] IDENTITY(1,1) NOT NULL,  
    [NumeRegiune] [nvarchar](64) NOT NULL)
```

RELATII INTRE TABELE

```
ALTER TABLE [dbo].[Angajati] WITH CHECK ADD CONSTRAINT  
[FK_Angajati_Angajati] FOREIGN KEY([SefDirect])  
REFERENCES [dbo].[Angajati] ([Id_Angajat])
```

```
ALTER TABLE [dbo].[Angajati] CHECK CONSTRAINT  
[FK_Angajati_Angajati]
```

```
ALTER TABLE [dbo].[Angajati] WITH CHECK ADD CONSTRAINT  
[FK_Angajati_Judete] FOREIGN KEY([IdJudet])  
REFERENCES [dbo].[Judete] ([IdJudet])
```

```
ALTER TABLE [dbo].[Angajati] CHECK CONSTRAINT [FK_Angajati_Judete]
```

```
ALTER TABLE [dbo].[Clienti] WITH CHECK ADD CONSTRAINT  
[FK_Clienti_Judete] FOREIGN KEY([IdJudet])  
REFERENCES [dbo].[Judete] ([IdJudet])
```

```
ALTER TABLE [dbo].[Clienti] CHECK CONSTRAINT [FK_Clienti_Judete]
```

```
ALTER TABLE [dbo].[CoduriReducere] WITH CHECK ADD CONSTRAINT  
[FK_CoduriReducere_CoduriReducere] FOREIGN KEY([IdInfluencer])  
REFERENCES [dbo].[Influenci] ([IdInfluencer])
```

```
ALTER TABLE [dbo].[CoduriReducere] CHECK CONSTRAINT  
[FK_CoduriReducere_CoduriReducere]
```

```
ALTER TABLE [dbo].[Comenzi] WITH CHECK ADD CONSTRAINT  
[FK_Comenzi_Angajati] FOREIGN KEY([IdAngajatPrelucrare])  
REFERENCES [dbo].[Angajati] ([Id_Angajat])
```

**ALTER TABLE [dbo].[Comenzi] CHECK CONSTRAINT
[FK_Comenzi_Angajati]**

**ALTER TABLE [dbo].[Comenzi] WITH CHECK ADD CONSTRAINT
[FK_Comenzi_Clienti] FOREIGN KEY([IdClient])
REFERENCES [dbo].[Clienti] ([IdClient])**

ALTER TABLE [dbo].[Comenzi] CHECK CONSTRAINT [FK_Comenzi_Clienti]

**ALTER TABLE [dbo].[Comenzi] WITH CHECK ADD CONSTRAINT
[FK_Comenzi_CoduriReducere] FOREIGN KEY([IdCod])
REFERENCES [dbo].[CoduriReducere] ([IdCod])**

**ALTER TABLE [dbo].[Comenzi] CHECK CONSTRAINT
[FK_Comenzi_CoduriReducere]**

**ALTER TABLE [dbo].[Comenzi] WITH CHECK ADD CONSTRAINT
[FK_Comenzi_Curieri] FOREIGN KEY([IdCurier])
REFERENCES [dbo].[Curieri] ([IdCurier])**

**ALTER TABLE [dbo].[Curieri] WITH CHECK ADD CONSTRAINT
[FK_Curieri_FirmeCurierat] FOREIGN KEY([IdFirmaCurierat])
REFERENCES [dbo].[FirmeCurierat] ([IdFirmaCurierat])**

**ALTER TABLE [dbo].[Curieri] CHECK CONSTRAINT
[FK_Curieri_FirmeCurierat]**

**ALTER TABLE [dbo].[Curieri] WITH CHECK ADD CONSTRAINT
[FK_Curieri_Judete] FOREIGN KEY([IdJudetLivrare])
REFERENCES [dbo].[Judete] ([IdJudet])**

ALTER TABLE [dbo].[Curieri] CHECK CONSTRAINT [FK_Curieri_Judete]

**ALTER TABLE [dbo].[Facturi] WITH CHECK ADD CONSTRAINT
[FK_Facturi_Comenzi] FOREIGN KEY([IdComanda])
REFERENCES [dbo].[Comenzi] ([IdComanda])**

ALTER TABLE [dbo].[Facturi] CHECK CONSTRAINT [FK_Facturi_Comenzi]

**ALTER TABLE [dbo].[Facturi] WITH CHECK ADD CONSTRAINT
[FK_Facturi_Produse] FOREIGN KEY([IdProdus])
REFERENCES [dbo].[Produse] ([Id_Produs])**

ALTER TABLE [dbo].[Facturi] CHECK CONSTRAINT [FK_Facturi_Produse]

**ALTER TABLE [dbo].[FirmeCurierat] WITH CHECK ADD CONSTRAINT
[FK_FirmeCurierat_Judete] FOREIGN KEY([IdJudetSediu])
REFERENCES [dbo].[Judete] ([IdJudet])**

**ALTER TABLE [dbo].[FirmeCurierat] CHECK CONSTRAINT
[FK_FirmeCurierat_Judete]**

**ALTER TABLE [dbo].[ImpoziteAngajati] WITH CHECK ADD CONSTRAINT
[FK_ImpoziteAngajati_Angajati] FOREIGN KEY([IdAngajat])
REFERENCES [dbo].[Angajati] ([Id_Angajat])**

**ALTER TABLE [dbo].[ImpoziteAngajati] CHECK CONSTRAINT
[FK_ImpoziteAngajati_Angajati]**

**ALTER TABLE [dbo].[ImpoziteAngajati] WITH CHECK ADD CONSTRAINT
[FK_ImpoziteAngajati_Impozite] FOREIGN KEY([IdImpozit])
REFERENCES [dbo].[Impozite] ([IdImpozit])**

**ALTER TABLE [dbo].[ImpoziteAngajati] CHECK CONSTRAINT
[FK_ImpoziteAngajati_Impozite]**

**ALTER TABLE [dbo].[Influenceri] WITH CHECK ADD CONSTRAINT
[FK_Influenceri_Judete] FOREIGN KEY([IdJudet])
REFERENCES [dbo].[Judete] ([IdJudet])**

**ALTER TABLE [dbo].[Influenceri] CHECK CONSTRAINT
[FK_Influenceri_Judete]**

**ALTER TABLE [dbo].[JudeteRegiuni] WITH CHECK ADD CONSTRAINT
[FK_JudeteRegiuni_Judete] FOREIGN KEY([IdJudet])
REFERENCES [dbo].[Judete] ([IdJudet])**

**ALTER TABLE [dbo].[JudeteRegiuni] CHECK CONSTRAINT
[FK_JudeteRegiuni_Judete]**

**ALTER TABLE [dbo].[JudeteRegiuni] WITH CHECK ADD CONSTRAINT
[FK_JudeteRegiuni_Regiuni] FOREIGN KEY([IdRegiune])
REFERENCES [dbo].[Regiuni] ([IdRegiune])**

**ALTER TABLE [dbo].[JudeteRegiuni] CHECK CONSTRAINT
[FK_JudeteRegiuni_Regiuni]**

**ALTER TABLE [dbo].[Produse] WITH CHECK ADD CONSTRAINT
[FK_Produse_Branduri] FOREIGN KEY([IdBrand])
REFERENCES [dbo].[Branduri] ([IdBrand])**

**ALTER TABLE [dbo].[Produse] CHECK CONSTRAINT
[FK_Produse_Branduri]**

**ALTER TABLE [dbo].[Produse] WITH CHECK ADD CONSTRAINT
[FK_Produse_CategoriiProduse] FOREIGN KEY([IdCategorie])
REFERENCES [dbo].[CategoriiProduse] ([IdCategorie])**

```
ALTER TABLE [dbo].[Produse] CHECK CONSTRAINT  
[FK_Produse_CategoriiProduse]
```

5. TABELELE SI CONTINUTUL LOR

-  dbo.Angajati
 -  Columns
 - ☛ Id_Angajat (PK, int, not null)
 - NumeAngajat (nvarchar(64), not null)
 - PrenumeAngajat (nvarchar(64), not null)
 - Functie (nvarchar(64), not null)
 - DataNastere (date, not null)
 - DataAngajare (date, not null)
 - AdresaDomiciliu (nvarchar(64), not null)
 - Oras (nvarchar(64), not null)
 - ☛ IdJudet (FK, int, not null)
 - CodPostal (nvarchar(64), not null)
 - ☛ SefDirect (FK, int, null)
 - Telefon (nvarchar(64), not null)
 - SalariuBrut (float, not null)
 -  Keys
 - ☛ PK_Angajati
 - ☛ FK_Angajati_Angajati
 - ☛ FK_Angajati_Judete

□ dbo.Branduri

 □ Columns

 ☛ IdBrand (PK, int, not null)

 □ NumeBrand (nvarchar(64), not null)

 □ Oras (nvarchar(64), not null)

 □ Tara (nvarchar(64), not null)

 □ PersoanaContact (nvarchar(64), not null)

 □ TelefonContact (nvarchar(64), not null)

 □ Keys

 ☛ PK_Branduri

□ dbo.CategoriiProduse

 □ Columns

 ☛ IdCategorie (PK, int, not null)

 □ NumeCategorie (nvarchar(64), not null)

 □ DescriereCategorie (nvarchar(64), null)

 □ Keys

 ☛ PK_CategoriiProduse

□ dbo.Clienti

□ Columns

- IdClient (PK, int, not null)
- NumeClient (nvarchar(64), not null)
- PrenumeClient (nvarchar(64), not null)
- Adresa (nvarchar(64), not null)
- Oras (nvarchar(64), not null)
- IdJudet (FK, int, not null)
- Mail (nvarchar(64), not null)
- Telefon (nvarchar(64), not null)
- DataNastere (date, not null)

□ Keys

- PK_Clienti
- FK_Clienti_Judete

□ dbo.CoduriReducere

□ Columns

- IdCod (PK, int, not null)
- IdInfluencer (FK, int, null)
- ProcentReducere (int, not null)
- DataIntrare (date, not null)
- DataSfarsit (date, not null)

□ Keys

- PK_CoduriReducere
- FK_CoduriReducere_CoduriReducere

□ ■ dbo.Comenzi

□ ■ Columns

- IdComanda (PK, int, not null)
- IdAngajatPrelucrare (FK, int, not null)
- IdClient (FK, int, not null)
- | DataPlasare (date, not null)
- | DataLimita (date, not null)
- IdCurier (FK, int, not null)
- | AdresaLivrare (nvarchar(64), not null)
- | OrasLivrare (nvarchar(64), not null)
- IdJudetLivrare (FK, int, not null)
- IdCod (FK, int, not null)

□ ■ Keys

- PK_Comenzi
- FK_Comenzi_Angajati
- FK_Comenzi_Clienti
- FK_Comenzi_CoduriReducere
- FK_Comenzi_Curieri
- FK_Comenzi_Judete

□	dbo.Curieri
□	Columns
▪	IdCurier (PK, int, not null)
□	NumeCurier (nvarchar(64), not null)
□	PrenumeCurier (nvarchar(64), not null)
▫	IdFirmaCurierat (FK, int, not null)
□	OrasLivrare (nvarchar(64), not null)
▫	IdJudetLivrare (FK, int, not null)
□	TelefonCurier (nvarchar(64), not null)
□	Keys
▪	PK_Curieri
▫	FK_Curieri_FirmeCurierat
▫	FK_Curieri_Judete

□	dbo.Facturi
□	Columns
▪	IdFactura (PK, int, not null)
▫	IdComanda (FK, int, not null)
▫	IdProdus (FK, int, not null)
□	Cantitate (int, not null)
□	PretUnitar (money, not null)
□	Keys
▪	PK_Facturi
▫	FK_Facturi_Comenzi
▫	FK_Facturi_Produse

□	dbo.FirmeCurierat
□	Columns
»	IdFirmaCurierat (PK, int, not null)
□	NumeFirma (nvarchar(64), not null)
□	AdresaSediu (nvarchar(64), not null)
□	OrasSediu (nvarchar(64), not null)
»	IdJudetSediu (FK, int, not null)
□	TelefonSediu (nvarchar(64), not null)
□	Keys
»	PK_FirmeCurierat
»	FK_FirmeCurierat_Judete
□	dbo.Impozite
□	Columns
»	IdImpozit (PK, int, not null)
□	NumelImpozit (nvarchar(64), not null)
□	ProcentImpozit (int, not null)
□	Keys
»	PK_Impozite
□	dbo.ImpoziteAngajati
□	Columns
»	IdImpozit (FK, int, not null)
»	IdAngajat (FK, int, not null)
□	Keys
»	FK_ImpoziteAngajati_Angajati
»	FK_ImpoziteAngajati_Impozite

□ dbo.Influenceri

 □ Columns

- IdInfluencer (PK, int, not null)
- NumelInfluencer (nvarchar(64), not null)
- PrenumeInfluencer (nvarchar(64), not null)
- DataNastere (date, not null)
- Adresa (nvarchar(64), not null)
- Oras (nvarchar(64), not null)
- IdJudet (FK, int, not null)
- NumarUrmatorilorInstagram (int, not null)

 □ Keys

- PK_Influenceri
- FK_Influenceri_Judete

□ dbo.Judete

 □ Columns

- IdJudet (PK, int, not null)
- NumeJudet (nvarchar(64), not null)

 □ Keys

- PK_Regiuni

□ dbo.JudeteRegiuni

 □ Columns

- IdRegiune (FK, int, not null)
- IdJudet (FK, int, not null)

 □ Keys

- FK_JudeteRegiuni_Judete
- FK_JudeteRegiuni_Regiuni

□ dbo.Produse

□ Columns

- Id_Produs (PK, int, not null)
- DenumireProdus (nvarchar(64), not null)
- IdBrand (FK, int, not null)
- IdCategorie (FK, int, not null)
- PretUnitar (money, not null)
- BucatiStock (int, null)
- BucatiRezervateCos (int, null)
- BucatiComanda (int, null)

□ Keys

- PK_Produse
- FK_Produse_Branduri
- FK_Produse_CategoriiProduse

□ dbo.Regiuni

□ Columns

- IdRegiune (PK, int, not null)
- NumeRegiune (nvarchar(64), not null)

□ Keys

- PK_Regiuni_1

6. INTEROGARI DE SELECTIE

```
--Afisati toti angajatii cu functia de sales representative angajati dupa anul 2001
SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, A.DataNastere, A.DataAngajare
FROM Angajati AS A
WHERE (YEAR(A.DataAngajare) > 2001) AND (A.Functie = 'Sales Representative')
```

The screenshot shows the SQL query above being run in a query editor. The results pane displays a table with five rows of data:

	Id_Angajat	NumeAngajat	PrenumeAngajat	DataNastere	DataAngajare
1	2	Florescu	Catalin	1996-09-08	2018-06-01
2	4	Mincu	Mirela	1988-08-03	2017-03-05
3	6	Vasilache	Smaranda	1999-03-07	2016-08-09
4	9	Georgescu	Zenaida	2000-03-07	2021-01-01
5	10	Mihaiu	Zenada	2000-03-07	2021-01-01

```
--Afisati cui se subordoneaza direct fiecare angajat
SELECT A.NumeAngajat AS 'SUBORDONAT', B.NumeAngajat AS 'SEF DIRECT'
FROM Angajati AS A INNER JOIN Angajati AS B
ON A.SefDirect = B.Id_Angajat
7
8 --Afisati cui se subordoneaza direct fiecare angajat
9
10
11
12
13
```

The screenshot shows the SQL query above being run in a query editor. The results pane displays a table with eight rows of data:

	SUBORDONAT	SEF DIRECT
1	Popa	Enache
2	Florescu	Enache
3	Enache	Stanescu
4	Mincu	Dumitriu
5	Dumitriu	Stanescu
6	Vasilache	Dumitriu
7	Georgescu	Enache
8	Mihaiu	Enache

```
--AFISATI cate comenzi au fost plasate utilizand codul de reducere al Ioanei Grama
--SE POATE FARA CTE CU SUBINTEROGARE SELECT IN SELECT
WITH H AS
(SELECT CR.IdCod
FROM CoduriReducere AS CR INNER JOIN Influenceri AS I
ON CR.IdInfluencer=I.IdInfluencer
WHERE I.NumeInfluencer='Grama' AND PrenumeInfluencer = 'Ioana')
SELECT COUNT(*) AS 'Numar comenzi plasate'
FROM Comenzi AS C INNER JOIN H
ON H.IdCod=C.IdCod
15 --AFISATI cate comenzi au fost plasate utilizand codul de reducere al Ioanei Grama
16 --SE POATE FARA CTE CU SUBINTEROGARE SELECT IN SELECT
17 WITH H AS
18 (SELECT CR.IdCod
19 FROM CoduriReducere AS CR INNER JOIN Influenceri AS I
20 ON CR.IdInfluencer=I.IdInfluencer
21 WHERE I.NumeInfluencer='Grama' AND PrenumeInfluencer = 'Ioana')
22 SELECT COUNT(*) AS 'Numar comenzi plasate'
23 FROM Comenzi AS C INNER JOIN H
24 ON H.IdCod=C.IdCod
25
96 % ▶
Results Messages
Numar comenzi plasate
1 3
```

```
--Afisati intr-un tabel numele fiecarui curier, numele regiunii geografice in care activeaza si firma pentru care lucreaza

WITH
X AS
(SELECT C.NumeCurier, C.PrenumeCurier, JR.IdRegiune, C.IdFirmaCurierat
FROM Curieri AS C INNER JOIN JudeteRegiuni AS JR
ON C.IdJudetLivrare = JR.IdJudet),
Y AS
(SELECT X.NumeCurier, X.PrenumeCurier, R.NumeRegiune, X.IdFirmaCurierat
FROM Regiuni AS R INNER JOIN X
ON R.IdRegiune = X.IdRegiune)
SELECT Y.NumeCurier, Y.PrenumeCurier, Y.NumeRegiune, F.NumeFirma
FROM Y INNER JOIN FirmeCurierat AS F
ON Y.IdFirmaCurierat=F.IdFirmaCurierat
--Afisati intr-un tabel numele fiecarui curier, numele regiunii geografice in care activeaza si firma pentru care lucreaza
WITH
X AS
(SELECT C.NumeCurier, C.PrenumeCurier, JR.IdRegiune, C.IdFirmaCurierat
FROM Curieri AS C INNER JOIN JudeteRegiuni AS JR
ON C.IdJudetLivrare = JR.IdJudet),
Y AS
(SELECT X.NumeCurier, X.PrenumeCurier, R.NumeRegiune, X.IdFirmaCurierat
FROM Regiuni AS R INNER JOIN X
ON R.IdRegiune = X.IdRegiune)
SELECT Y.NumeCurier, Y.PrenumeCurier, Y.NumeRegiune, F.NumeFirma
FROM Y INNER JOIN FirmeCurierat AS F
ON Y.IdFirmaCurierat=F.IdFirmaCurierat
```

96 %

Results Messages

	NumeCurier	PrenumeCurier	NumeRegiune	NumeFirma
1	Simuleac	Ion	Nord-Est	Urgent Cargus
2	Sumedrea	Sorin	Nord-Est	Nemo Express
3	Cretulescu	Darius	Nord-Vest	Fan Curier
4	Varbilau	Cristi	Nord-Vest	Urgent Cargus
5	Ioanide	Quentin	Vest	Fan Curier
6	Dimache	Silviu	Vest	Urgent Cargus
7	Sucarov	Corina	Vest	Urgent Cargus
8	Nae	Niculae	Vest	Urgent Cargus
9	Juncu	Petre	Sud-Est	Urgent Cargus
10	Dascalescu	Paulica	Sud-Est	Urgent Cargus

```
--Afisati salariul net al angajatului cu id 1
WITH
S AS
(SELECT A.SalariuBrut AS 'Salariu brut', A.Id_Angajat
FROM Angajati AS A
WHERE A.Id_Angajat=1),
Z AS
(SELECT S.Id_Angajat, S.[Salariu brut], IA.IdImpozit
FROM S INNER JOIN ImpoziteAngajati AS IA
ON S.Id_Angajat=IA.IdAngajat
WHERE S.Id_Angajat=IA.IdAngajat),
Q AS
(SELECT Z.Id_Angajat, SUM(Z.[Salariu brut]*I.ProcentImpozit/100) AS STATULUI, Z.[Salariu brut]
FROM Z INNER JOIN Impozite AS I
ON Z.IdImpozit=I.IdImpozit
GROUP BY Z.Id_Angajat, Z.[Salariu brut])
SELECT Q.[Salariu brut]-Q.STATULUI AS 'Salariu NET' , Q.Id_Angajat
```

```

FROM Q
GROUP BY Q.Id_Angajat, Q.[Salariu brut], Q.STATUSUI
43  --Afisati salariul net al angajatului cu id 1
44  WITH
45  S AS
46  (SELECT A.SalariuBrut AS 'Salariu brut', A.Id_Angajat
47  FROM Angajati AS A
48  WHERE A.Id_Angajat=1),
49  Z AS
50  (SELECT S.Id_Angajat, S.[Salariu brut], IA.IdImpozit
51  FROM S INNER JOIN ImpoziteAngajati AS IA
52  ON S.Id_Angajat=IA.IdAngajat
53  WHERE S.Id_Angajat=IA.IdAngajat),
54  Q AS
55  (SELECT Z.Id_Angajat, SUM(Z.[Salariu brut]*I.ProcentImpozit/100) AS STATUSUI, Z.[Salariu brut]
56  FROM Z INNER JOIN Impozite AS I
57  ON Z.IdImpozit=I.IdImpozit
58  GROUP BY Z.Id_Angajat, Z.[Salariu brut])
59  SELECT Q.[Salariu brut]-Q.STATUSUI AS 'Salariu NET' , Q.Id_Angajat
60  FROM Q
61  GROUP BY Q.Id_Angajat, Q.[Salariu brut], Q.STATUSUI
62

```

96 % Results Messages

	Salariu NET	Id_Angajat
1	3685	1

```
--Afisati ce curier a livrat comanda clientului Buzatoiu Alexandra
```

```

WITH Z AS
(SELECT C.IdClient, M.IdCurier, C.NumeClient, C.PrenumeClient
FROM Clienti AS C INNER JOIN Comenzi AS M
ON C.IdClient=M.IdClient)
SELECT C.NumeCurier, C.PrenumeCurier
FROM Z INNER JOIN Curieri AS C
ON Z.IdCurier = C.IdCurier
WHERE Z.NumeClient = 'Buzatoiu' AND Z.PrenumeClient = 'Alexandra'
65  --Afisati ce curier a livrat comanda clientului Buzatoiu Alexandra
66  WITH Z AS
67  (SELECT C.IdClient, M.IdCurier, C.NumeClient, C.PrenumeClient
68  FROM Clienti AS C INNER JOIN Comenzi AS M
69  ON C.IdClient=M.IdClient)
70  SELECT C.NumeCurier, C.PrenumeCurier
71  FROM Z INNER JOIN Curieri AS C
72  ON Z.IdCurier = C.IdCurier
73  WHERE Z.NumeClient = 'Buzatoiu' AND Z.PrenumeClient = 'Alexandra'

```

96 % Results Messages

	NumeCurier	PrenumeCurier
1	Dascalescu	Paulica
2	Vasiliu	George

```
--Afisati brandurile care incep cu litera P si au fost COMANDATE in luna aprilie a anului  
2021
```

```
WITH  
H AS  
(SELECT C.DataPlasare, F.IdProdus  
FROM Comenzi AS C INNER JOIN Facturi AS F  
ON C.IdComanda=F.IdComanda  
WHERE YEAR(C.DataPlasare) = 2021 AND MONTH(C.DataPlasare) = 4,  
Q AS  
(SELECT P.Id_Produs, P.IdBrand  
FROM Produse AS P INNER JOIN H  
ON P.Id_Produs=H.IdProdus)  
SELECT DISTINCT B.NumeBrand  
FROM Q INNER JOIN Branduri AS B  
ON Q.IdBrand=B.IdBrand  
WHERE B.NumeBrand LIKE 'P%'  
--Afisati brandurile care incep cu litera P si au fost COMANDATE in luna aprilie a anului 2021  
WITH  
H AS  
(SELECT C.DataPlasare, F.IdProdus  
FROM Comenzi AS C INNER JOIN Facturi AS F  
ON C.IdComanda=F.IdComanda  
WHERE YEAR(C.DataPlasare) = 2021 AND MONTH(C.DataPlasare) = 4,  
Q AS  
(SELECT P.Id_Produs, P.IdBrand  
FROM Produse AS P INNER JOIN H  
ON P.Id_Produs=H.IdProdus)  
SELECT DISTINCT B.NumeBrand  
FROM Q INNER JOIN Branduri AS B  
ON Q.IdBrand=B.IdBrand  
WHERE B.NumeBrand LIKE 'P%'  
90  
91
```

NumeBrand
1 Prada
2 Puma

```
--Sa se afiseze intreg lantul de superiori pana la seful suprem plecand de la un anumit  
angajat(hardcodat)  
WITH Recursiv AS  
(  
SELECT A.Id_Angajat, A.SefDirect AS ManagerID, A.NumeAngajat, A.PrenumeAngajat, 0 AS  
Distance  
FROM Angajati AS A  
WHERE A.Id_Angajat = 3  
UNION ALL  
SELECT M.Id_Angajat, M.SefDirect, M.NumeAngajat, M.PrenumeAngajat,  
S.Distance + 1 AS Distance  
FROM Recursiv AS S  
JOIN Angajati AS M  
ON S.ManagerID = M.Id_Angajat  
)  
SELECT Id_Angajat, ManagerID, NumeAngajat, PrenumeAngajat, Distance  
FROM Recursiv;
```

```

92 | --Sa se afiseze intreg lantul de superiori pana la seful suprem plecand de la un anumit angajat(hardcodat)
93 | WITH Recursiv AS
94 |
95 |     SELECT A.Id_Angajat, A.SefDirect AS ManagerID, A.NumeAngajat, A.PrenumeAngajat, 0 AS Distance
96 |     FROM Angajati AS A
97 |     WHERE A.Id_Angajat = 3
98 |     UNION ALL
99 |     SELECT M.Id_Angajat, M.SefDirect, M.NumeAngajat, M.PrenumeAngajat,
100 |            S.Distance + 1 AS Distance
101 |     FROM Recursiv AS S
102 |     JOIN Angajati AS M
103 |     ON S.ManagerID = M.Id_Angajat
104 |
105 |     SELECT Id_Angajat, ManagerID, NumeAngajat, PrenumeAngajat, Distance
106 |     FROM Recursiv;
107 |
108 |
109

```

Results

	Id_Angajat	ManagerID	NumeAngajat	PrenumeAngajat	Distance
1	3	8	Enache	Diandra	0
2	8	NULL	Stanescu	Ioanina	1

```

--CAT PLATESTE FIRMA LA SANATATE??
SELECT SUM (A.SalariuBrut * IMP.ProcentImpozit /100) AS LaCAS
FROM Angajati AS A INNER JOIN ImpoziteAngajati AS I
ON A.Id_Angajat = I.IdAngajat
INNER JOIN Impozite AS IMP
ON I.IdImpozit = IMP.IdImpozit
WHERE IMP.NumeImpozit LIKE 'CAS'
111 | --CAT PLATESTE FIRMA LA SANATATE??
112 | SELECT SUM (A.SalariuBrut * IMP.ProcentImpozit /100) AS LaCAS
113 | FROM Angajati AS A INNER JOIN ImpoziteAngajati AS I
114 | ON A.Id_Angajat = I.IdAngajat
115 | INNER JOIN Impozite AS IMP
116 | ON I.IdImpozit = IMP.IdImpozit
117 | WHERE IMP.NumeImpozit LIKE 'CAS'
118

```

Results

	LaCAS
1	13387.5

--SA SE AFISEZE PENTRU FIECARE ANGAJAT IN PARTE SALARIUL NET

```

WITH M AS
(SELECT A.NumeAngajat, A.PrenumeAngajat, SUM(A.SalariuBrut * IMP.ProcentImpozit/100) AS
LA_STAT, A.SalariuBrut
FROM Angajati AS A INNER JOIN ImpoziteAngajati AS I
ON A.Id_Angajat = I.IdAngajat
INNER JOIN Impozite AS IMP
ON IMP.IdImpozit = I.IdImpozit
GROUP BY A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut)

```

```

SELECT M.NumeAngajat, M.PrenumeAngajat, M.SalariuBrut-M.LA_STAT AS SALARIU_NET
FROM M
WHERE M.SalariuBrut - M.LA_STAT >0
120 --SA SE AFISEZE PENTRU FIECARE ANGAJAT IN PARTE SALARIUL NET
121
122 WITH M AS
123 (SELECT A.NumeAngajat, A.PrenumeAngajat, SUM(A.SalariuBrut * IMP.ProcentImpozit/100) AS LA_STAT, A.SalariuBrut
124 FROM Angajati AS A INNER JOIN ImpoziteAngajati AS I
125 ON A.Id_Angajat = I.IdAngajat
126 INNER JOIN Impozite AS IMP
127 ON IMP.IdImpozit = I.IdImpozit
128 GROUP BY A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut)
129 SELECT M.NumeAngajat, M.PrenumeAngajat, M.SalariuBrut-M.LA_STAT AS SALARIU_NET
130 FROM M
131 WHERE M.SalariuBrut - M.LA_STAT >0
132
133

```

Results

	NumeAngajat	PrenumeAngajat	SALARIU_NET
1	Dumitru	Dragos	3822.5
2	Enache	Diandra	3465
3	Florescu	Catalin	2860
4	Georgescu	Zenaida	3080
5	Mincu	Mirela	2695
6	Popa	Alina	3685
7	Stanescu	Ioanina	6600

```

--SA SE AFISEZE CATI DINTRE CLIENTI AU DORIT SA LE FIE LIVRATA COMANDA LA DOMICILIUL LOR
SELECT COUNT(*)
FROM CLIENTI AS CL INNER JOIN Comenzi AS CO
ON CL.IdClient = CO.IdClient
WHERE CL.Adresa = CO.AdresaLivrare
134
135 --SA SE AFISEZE CATI DINTRE CLIENTI AU DORIT SA LE FIE LIVRATA COMANDA LA DOMICILIUL LOR
136 SELECT COUNT(*)
137 FROM CLIENTI AS CL INNER JOIN Comenzi AS CO
138 ON CL.IdClient = CO.IdClient
139 WHERE CL.Adresa = CO.AdresaLivrare
140

```

Results

	(No column name)
1	1

```

--AFISATI TOTI ANGAJATII CARE AU SALARIUL BRUT MAI MARE DE 6000 DE LEI SI AL CARUI NUME
DE FAMILIE SE TERMINA IN LITERA "u"
SELECT*
FROM Angajati AS A
WHERE A.NumeAngajat LIKE '%u' AND A.SalariuBrut>6000
140 --AFISATI TOTI ANGAJATII CARE AU SALARIUL BRUT MAI MARE DE 6000 DE LEI SI AL CARUI NUME DE FAMILIE SE TERMINA IN LITERA "u"
141
142 SELECT*
143 FROM Angajati AS A
144 WHERE A.NumeAngajat LIKE '%u' AND A.SalariuBrut>6000
145
146

```

Results

	Id_Angajat	NumeAngajat	PrenumeAngajat	Functie	DataNastere	DataAngajare	AdresaDomiciliu	Oras	IdJudet	CodPostal	SefDirect	Telefon	St
1	5	Dumitru	Dragos	Inside Sales Coordinator	1992-02-09	2018-09-08	Strada Fabricii 16	Campina	31	105600	8	0789456234	68
2	8	Stanescu	Ioanina	President, Sales	1975-05-21	2015-08-09	Strada Fermei 77	Roman	18	109638	NULL	0781426379	12

```
--SA SE AFISEZE CEA MAI BINE PLATITA FUNCTIE DIN COMANIE
SELECT A.Functie
FROM Angajati AS A
WHERE A.SalariuBrut = (SELECT MAX(SalariuBrut) AS MAXIM FROM Angajati)
147 | --SA SE AFISEZE CEA MAI BINE PLATITA FUNCTIE DIN COMANIE
148 | SELECT A.Functie
149 | FROM Angajati AS A
150 | WHERE A.SalariuBrut = (SELECT MAX(SalariuBrut) AS MAXIM FROM Angajati)
151 |
152
```

96 %

	Functie
1	President, Sales

```
--Afisati toti clientii care au achizitionat o rochie eleganta sau casual, brandul
rochiei si pretul de pe factura
```

```
SELECT P.DenumireProdus, C.IdCategorie, b.IdBrand, CL.NumeClient, CL.PrenumeClient,
F.PretUnitar
FROM Produse AS P INNER JOIN CategoriiProduse AS C
ON P.IdCategorie = C.IdCategorie
INNER JOIN Branduri AS B
ON B.IdBrand = P.IdBrand
INNER JOIN Facturi AS F
ON P.Id_Produs = F.IdProdus
INNER JOIN Comenzi AS K
ON K.IdComanda = F.IdComanda
INNER JOIN CLIENTI AS CL
ON CL.IdClient = K.IdClient
WHERE (P.DenumireProdus LIKE 'Rochie%' OR P.DenumireProdus LIKE '%rochie%') AND
(C.NumeCategorie LIKE 'Elegant' OR C.NumeCategorie LIKE 'Casual')
```

```
159 | --Afisati toti clientii care au achizitionat o rochie eleganta sau casual, brandul rochiei si pretul de pe factura
160 | SELECT P.DenumireProdus, C.IdCategorie, b.IdBrand, CL.NumeClient, CL.PrenumeClient, F.PretUnitar
161 | FROM Produse AS P INNER JOIN CategoriiProduse AS C
162 | ON P.IdCategorie = C.IdCategorie
163 | INNER JOIN Branduri AS B
164 | ON B.IdBrand = P.IdBrand
165 | INNER JOIN Facturi AS F
166 | ON P.Id_Produs = F.IdProdus
167 | INNER JOIN Comenzi AS K
168 | ON K.IdComanda = F.IdComanda
169 | INNER JOIN CLIENTI AS CL
170 | ON CL.IdClient = K.IdClient
171 | WHERE (P.DenumireProdus LIKE 'Rochie%' OR P.DenumireProdus LIKE '%rochie%') AND (C.NumeCategorie LIKE 'Elegant' OR C.NumeCateg
```

96 %

	DenumireProdus	IdCategorie	IdBrand	NumeClient	PrenumeClient	PretUnitar
1	Rochie bretele backless	102	519	Chirila	Tudor	1500.00
2	Rochie bretele backless	102	519	Radu	Petru	120.00
3	Rochie bretele backless	102	519	Buzatoiu	Alexandra	1799.00
4	Rochie backless	101	523	Chirila	Tudor	1200.00

```
--Sa se afiseze cel mai cautat brand in zona de Vest a tarii
SELECT TOP 1 count(*) AS NUMAR_PRODUSE,B.NumeBrand
FROM Comenzi AS C INNER JOIN Facturi AS F
ON C.IdComanda = F.IdComanda
INNER JOIN Produse AS P
ON P.Id_Produs = F.IdProdus
INNER JOIN Branduri AS B
ON B.IdBrand = P.IdBrand
INNER JOIN JudeteRegiuni AS JR
ON JR.IdJudet = C.IdJudetLivrare
INNER JOIN Regiuni AS R
ON JR.IdRegiune = R.IdRegiune
WHERE R.NumeRegiune LIKE 'Vest'
GROUP BY B.NumeBrand
ORDER BY NUMAR_PRODUSE DESC
```

174 --Sa se afiseze cel mai cautat brand in zona de Vest a tarii
175 SELECT TOP 1 count(*) AS NUMAR_PRODUSE,B.NumeBrand
176 FROM Comenzi AS C INNER JOIN Facturi AS F
177 ON C.IdComanda = F.IdComanda
178 INNER JOIN Produse AS P
179 ON P.Id_Produs = F.IdProdus
180 INNER JOIN Branduri AS B
181 ON B.IdBrand = P.IdBrand
182 INNER JOIN JudeteRegiuni AS JR
183 ON JR.IdJudet = C.IdJudetLivrare
184 INNER JOIN Regiuni AS R
185 ON JR.IdRegiune = R.IdRegiune
186 WHERE R.NumeRegiune LIKE 'Vest'
187 GROUP BY B.NumeBrand
188 ORDER BY NUMAR_PRODUSE DESC
189
190

96 %

Results Messages

	NUMAR_PRODUSE	NumeBrand
1	3	Puma

```
--SA SE AFISEZE IN CE JUDETE FACE LIVRARI FIRMA Nemo Express
SELECT J.NumeJudet
FROM FirmeCurierat AS F INNER JOIN Curieri AS C
ON F.IdFirmaCurierat = C.IdFirmaCurierat
INNER JOIN Judete AS J
ON J.IdJudet = C.IdJudetLivrare
WHERE F.NumeFirma LIKE 'Nemo Express'
```

```

192 --SA SE AFISEZE IN CE JUDETE FACE LIVRARI FIRMA Nemo Express
193 SELECT J.NumeJudet
194 FROM FirmeCurierat AS F INNER JOIN Curieri AS C
195 ON F.IdFirmaCurierat = C.IdFirmaCurierat
196 INNER JOIN Judete AS J
197 ON J.IdJudet = C.IdJudetLivrare
198 WHERE F.NumeFirma LIKE 'Nemo Express'
199

```

96 %

Results Messages

	NumeJudet
1	Bucuresti
2	Vaslui

```
--SA SE AFISEZE CE CURIERI A LIVRAT COMENZILE PRELUCRATE IN LUNA MAI DE ANGAJATUL CU ID - UL 2
```

```

SELECT CU.NumeCurier, CU.PrenumeCurier, CU.TelefonCurier
FROM Curieri AS CU
INNER JOIN Comenzi AS C
ON C.IdCurier = CU.IdCurier
WHERE C.IdAngajatPrelucrare = 2 AND MONTH(C.DataPlasare) = 5
201 --SA SE AFISEZE CE CURIERI A LIVRAT COMENZILE PRELUCRATE IN LUNA MAI DE ANGAJATUL CU ID - UL 2
202 SELECT CU.NumeCurier, CU.PrenumeCurier, CU.TelefonCurier
203 FROM Curieri AS CU
204 INNER JOIN Comenzi AS C
205 ON C.IdCurier = CU.IdCurier
206 WHERE C.IdAngajatPrelucrare = 2 AND MONTH(C.DataPlasare) = 5
207
208

```

96 %

Results Messages

	NumeCurier	PrenumeCurier	TelefonCurier
1	Dascalescu	Paulica	0765349876
2	Apreoatesei	Alin	0742567890

```
--Sa se afiseze judetul si numarul comenzilor care se livreaza intr-un oras care se termina cu litera 'e' si contin mai mult de 3 produse
```

```

SELECT COUNT(*) AS NR_Produse, C.OrasLivrare
FROM Comenzi AS C
INNER JOIN Facturi AS F
ON F.IdComanda = C.IdComanda
WHERE C.OrasLivrare LIKE '%e'
GROUP BY C.OrasLivrare
HAVING SUM(F.Cantitate) > 3

```

```

211 | --Sa se afiseze judetul si numarul comenzilor care se livreaza intr-un oras care se termina cu litera 'e' si contin mai mult de
212 | SELECT COUNT(*) AS NR_Produse, C.OrasLivrare
213 | FROM Comenzi AS C
214 | INNER JOIN Facturi AS F
215 | ON F.IdComanda = C.IdComanda
216 | WHERE C.OrasLivrare LIKE '%e'
217 | GROUP BY C.OrasLivrare
218 | HAVING SUM(F.Cantitate) > 3
219 |
220 |

```

96 %

	NR_Produse	OrasLivrare
1	3	Joi Mare

--SA SE AFISEZE PENTRU FIECARE INFLUENCER CE SUMA A STRANS PRIN CODUL SAU DE REDUCERE

```

SELECT SUM(F.PretUnitar * C.ProcentReducere/100) AS SUMA, I.NumeInfluencer,
I.PrenumeInfluencer
FROM Influenceri AS I
INNER JOIN CoduriReducere AS C
ON I.IdInfluencer = C.IdInfluencer
INNER JOIN Comenzi AS CMD
ON CMD.IdCod = C.IdCod
INNER JOIN Facturi AS F
ON F.IdComanda = CMD.IdComanda
GROUP BY I.NumeInfluencer, I.PrenumeInfluencer

```

220 | --SA SE AFISEZE PENTRU FIECARE INFLUENCER CE SUMA A STRANS PRIN CODUL SAU DE REDUCERE

```

221 | SELECT SUM(F.PretUnitar * C.ProcentReducere/100) AS SUMA, I.NumeInfluencer, I.PrenumeInfluencer
222 | FROM Influenceri AS I
223 | INNER JOIN CoduriReducere AS C
224 | ON I.IdInfluencer = C.IdInfluencer
225 | INNER JOIN Comenzi AS CMD
226 | ON CMD.IdCod = C.IdCod
227 | INNER JOIN Facturi AS F
228 | ON F.IdComanda = CMD.IdComanda
229 | GROUP BY I.NumeInfluencer, I.PrenumeInfluencer
230 |
231 |
232 |

```

16 %

Results

	SUMA	NumeInfluencer	PrenumeInfluencer
1	190.50	Pestritu	Adelina
2	468.00	Ceusan	Alina
3	19.50	Morodan	Ana
4	1472.00	Ramascanu	Ana-Elena
5	150.00	Dascalu	Anya
6	347.70	Grebenisan	Carmen

--SA SE AFISEZE TOATE INCASARILE DIN TRIMESTRUL 2 AL ANULUI CURENT

```

SELECT SUM(F.PretUnitar - (F.PretUnitar * CD.ProcentReducere/100)) AS INCASARI
FROM Comenzi AS C INNER JOIN Facturi AS F
ON C.IdComanda = F.IdComanda
INNER JOIN CoduriReducere AS CD
ON CD.IdCod = C.IdCod
WHERE DATEPART(QUARTER, GETDATE()) = 2

```

```

233 --SA SE AFISEZE TOATE INCASARILE DIN TRIMESTRUL 2 AL ANULUI CURENT
234 SELECT SUM(F.PretUnitar - (F.PretUnitar * CD.ProcentReducere/100)) AS INCASARI
235 FROM Comenzi AS C INNER JOIN Facturi AS F
236 ON C.IdComanda = F.IdComanda
237 INNER JOIN CoduriReducere AS CD
238 ON CD.IdCod = C.IdCod
239 WHERE DATEPART(QUARTER,GETDATE()) =2
240
241
96 %
Results Messages


| INCASARI   |
|------------|
| 1 41305.75 |


```

```

--SA SE AFISEZE ANGAJATII CARE AU SALARIUL BRUT MAI MARE DE 6000 , DAR MAI MIC DE 12000
DE LEI
SELECT*
FROM ANGAJATI AS A
WHERE A.SalariuBrut > 6000 AND A.SalariuBrut < 12000
242 --SA SE AFISEZE ANGAJATII CARE AU SALARIUL BRUT MAI MARE DE 6000 , DAR MAI MIC DE 12000 DE LEI
243 SELECT*
244 FROM ANGAJATI AS A
245 WHERE A.SalariuBrut > 6000 AND A.SalariuBrut < 12000
246
247
96 %
Results Messages


| Id_Angajat | NumeAngajat | PrenumeAngajat | Functie                  | DataNastere | DataAngajare | AdresaDomiciliu        | Oras      | IdJudet | CodPostal | SefDirect | Telefon    | SalariuBrut |
|------------|-------------|----------------|--------------------------|-------------|--------------|------------------------|-----------|---------|-----------|-----------|------------|-------------|
| 1          | Popa        | Alina          | Sales Representative     | 1948-12-08  | 1992-05-01   | Strada Arinului 8      | Ploiesti  | 2       | 907544    | 3         | 0754132688 | 6700        |
| 2          | Enache      | Diandra        | Inside Sales Coordinator | 2000-07-09  | 2020-09-09   | Strada Calea Mosilor 3 | Bucuresti | 42      | 100004    | 8         | 0798765788 | 6300        |
| 3          | Dumitriu    | Dragos         | Inside Sales Coordinator | 1992-02-09  | 2018-09-08   | Strada Fabricii 16     | Campina   | 31      | 105600    | 8         | 0789456234 | 6950        |


```

```

--SA SE AFISEZE CAT PLATESTE, IN MEDIE, UN CLIENT PE COMANDA
SELECT AVG(F.Cantitate * F.PretUnitar)
FROM Facturi AS F
247
248 --SA SE AFISEZE CAT PLATESTE, IN MEDIE, UN CLIENT PE COMANDA
249 SELECT AVG(F.Cantitate * F.PretUnitar)
250 FROM Facturi AS F
251
96 %
Results Messages


| (No column name) |
|------------------|
| 1 956.9402       |


```

```

--AFISATI FACTURA CORESPONDENTA COMENZII DE VALOARE MAXIMA
SELECT *
FROM FACTURI AS F
WHERE (F.PretUnitar * F.Cantitate) = (SELECT MAX(PretUnitar * Cantitate) FROM Facturi)

```

```

253 --AFISATI FACTURA CORESPONDENTA COMENZII DE VALOARE MAXIMA
254 SELECT *
255 FROM FACTURI AS F
256 WHERE (F.PretUnitar * F.Cantitate = (SELECT(MAX(PretUnitar * Cantitate) FROM Facturi))
257
96 %
Results Messages


|   | IdFactura | IdComanda | IdProdus | Cantitate | PretUnitar |
|---|-----------|-----------|----------|-----------|------------|
| 1 | 51        | 80        | 39       | 2         | 3099.00    |


```

```

--AFISATI VALOAREA FIECAREI FACTURI INAINTE DE APLICAREA CODULUI DE REDUCERE
SELECT SUM(F.Cantitate*F.PretUnitar) AS Valoare_Comanda, C.IdComanda
FROM Comenzi AS C
INNER JOIN Facturi AS F
ON C.IdComanda = F.IdComanda
GROUP BY C.IdComanda
258
259 --AFISATI VALOAREA FIECAREI FACTURI INAINTE DE APLICAREA CODULUI DE REDUCERE
260 SELECT SUM(F.Cantitate*F.PretUnitar) AS Valoare_Comanda, C.IdComanda
261 FROM Comenzi AS C
262 INNER JOIN Facturi AS F
263 ON C.IdComanda = F.IdComanda
264 GROUP BY C.IdComanda
265
266
96 %
Results Messages

```

	Valoare_Comanda	IdComanda
1	669.00	1
2	3020.00	2
3	2699.00	3
4	3919.00	4
5	6180.00	20
6	1969.00	33

```

--AFISATI CLIENTUL CARE A FACUT CEA MAI VALOROASA COMANDA
WITH CO AS
    (SELECT SUM(F.Cantitate*F.PretUnitar) AS Valoare_Comanda, C.IdComanda, C.IdClient
     FROM Comenzi AS C
     INNER JOIN Facturi AS F
     ON C.IdComanda = F.IdComanda
     GROUP BY C.IdComanda, C.IdClient)
SELECT TOP 1 CO.Valoare_Comanda, C.NumeClient, C.PrenumeClient
FROM Clienti AS C INNER JOIN CO
ON C.IdClient = CO.IdClient
ORDER BY CO.Valoare_Comanda DESC

```

```

266      --AFISATI CLIENTUL CARE A FACUT CEA MAI VALOROASA COMANDA
267      WITH CO AS
268          (SELECT SUM(F.Cantitate*F.PretUnitar) AS Valoare_Comanda, C.IdComanda, C.IdClient
269           FROM Comenzi AS C
270           INNER JOIN Facturi AS F
271               ON C.IdComanda = F.IdComanda
272               GROUP BY C.IdComanda, C.IdClient)
273      SELECT TOP 1 CO.Valoare_Comanda, C.NumeClient, C.PrenumeClient
274      FROM Clienti AS C INNER JOIN CO
275          ON C.IdClient = CO.IdClient
276          ORDER BY CO.Valoare_Comanda DESC
277
278
96 % ▾

```

Results Messages

	Valoare_Comanda	NumeClient	PrenumeClient
1	8987.00	Crampita	Claudiu

```

--AFISATI DIN CE ORASE SI JUDETE PROVIN CLIENTII SI ANGAJATII
SELECT A.Oras, J.NumeJudet
FROM Angajati AS A INNER JOIN Judete AS J
ON A.IdJudet = J.IdJudet
UNION
SELECT C.Oras, J.NumeJudet
FROM Clienti AS C INNER JOIN Judete AS J
ON C.IdJudet = J.IdJudet
278
280      --AFISATI DIN CE ORASE SI JUDETE PROVIN CLIENTII SI ANGAJATII
281      SELECT A.Oras, J.NumeJudet
282          FROM Angajati AS A INNER JOIN Judete AS J
283          ON A.IdJudet = J.IdJudet
284          UNION
285          SELECT C.Oras, J.NumeJudet
286          FROM Clienti AS C INNER JOIN Judete AS J
287          ON C.IdJudet = J.IdJudet
288

```

96 % ▾

Results Messages

	Oras	NumeJudet
1	Arad	Arad
2	Baia Mare	Maramures
3	Bucuresti	Bucuresti
4	Buftea	Ilfov
5	Campina	Prahova
6	Cluj	Cluj

```

--AFISATI JUDETELE DIN CARE AVEM CLIENTI, DAR NU AVEM CURIERI SPECIALIZATI
SELECT J.NumeJudet
FROM CLIENTI AS C INNER JOIN Judete AS J
ON C.IdJudet = J.IdJudet
EXCEPT
SELECT J.NumeJudet
FROM Curieri AS C INNER JOIN Judete AS J
ON C.IdJudetLivrare = J.IdJudet

```

```

289
290 --AFISATI JUDETELE DIN CARE AVEM CLIENTI, DAR NU AVEM CURIERI SPECIALIZATI
291 SELECT J.NumeJudet
292 FROM CLIENTI AS C INNER JOIN Judete AS J
293 ON C.IdJudet = J.IdJudet
294 EXCEPT
295 SELECT J.NumeJudet
296 FROM Curieri AS C INNER JOIN Judete AS J
297 ON C.IdJudetLivrare = J.IdJudet
298

```

96 %

Results Messages

	NumeJudet
1	Covasna
2	Dambovita
3	Satu Mare
4	Sibiu

```

--AFISATI JUDETELE UNDE AVEM ATAT ANGAJATI CAT SI CLIENTI
SELECT A.Oras, J.NumeJudet
FROM Angajati AS A INNER JOIN Judete AS J
ON A.IdJudet = J.IdJudet
INTERSECT
SELECT C.Oras, J.NumeJudet
FROM Clienti AS C INNER JOIN Judete AS J
ON C.IdJudet = J.IdJudet
300 --AFISATI JUDETELE UNDE AVEM ATAT ANGAJATI CAT SI CLIENTI
301 SELECT A.Oras, J.NumeJudet
302 FROM Angajati AS A INNER JOIN Judete AS J
303 ON A.IdJudet = J.IdJudet
304 INTERSECT
305 SELECT C.Oras, J.NumeJudet
306 FROM Clienti AS C INNER JOIN Judete AS J
307 ON C.IdJudet = J.IdJudet
308

```

96 %

Results Messages

	Oras	NumeJudet
1	Bucuresti	Bucuresti
2	Campina	Prahova

```

--AFISATI CATE COMENZI A LIVRAT FIECARE CURIER
SELECT COUNT(*) AS NUMAR_COMENZI, R.NumeCurier, R.PrenumeCurier
FROM Comenzi AS C
INNER JOIN Curieri AS R
ON C.IdCurier = R.IdCurier
GROUP BY R.NumeCurier, R.PrenumeCurier

```

```

310  --AFISATI CATE COMENZI A LIVRAT FIECARE CURIER
311  SELECT COUNT(*) AS NUMAR_COMENZI, R.NumeCurier, R.PrenumeCurier
312  FROM Comenzi AS C
313  INNER JOIN Curieri AS R
314  ON C.IdCurier = R.IdCurier
315  GROUP BY R.NumeCurier, R.PrenumeCurier
316
317

```

96 %

	NUMAR_COMENZI	NumeCurier	PrenumeCurier
1	2	Apreotesei	Alin
2	2	Ciucas	Alin
3	1	Sucarov	Corina
4	1	Varbilau	Cristi
5	1	Cretulescu	Darius
6	1	Cubini	Dorian

-- Ne interesează pentru fiecare curier, numărul de comenzi tratate, în câte zile a tratat cel puțin o comandă, prima și ultima zi în care a --tratat măcar o comandă, precum și numarul total de produse transportate.

```

SELECT
    C.IdCurier,
    C.NumeCurier,
    C.PrenumeCurier,
    COUNT(*) AS NUMAR_COMENZI,
    COUNT(O.DataLimita) ZILE_PRODUCTIVE,
    MIN(O.DataLimita) AS PRIMA_ZI,
    MAX(O.DataLimita) AS LAST_DAY,
    SUM(F.Cantitate) AS NUMAR_PRODUSE_LIVRATE
FROM CURIERI AS C INNER JOIN Comenzi AS O
ON C.IdCurier = O.IdCurier
INNER JOIN Facturi AS F
ON O.IdComanda = F.IdComanda
GROUP BY C.IdCurier, C.NumeCurier, C.PrenumeCurier
-- Ne interesează pentru fiecare curier, numărul de comenzi tratate, în câte zile a tratat cel puțin o comandă, prima și ultima zi în care a --tratat măcar o comandă, precum și numarul total de produse transportate.
SELECT
    C.IdCurier,
    C.NumeCurier,
    C.PrenumeCurier,
    COUNT(*) AS NUMAR_COMENZI,
    COUNT(O.DataLimita) ZILE_PRODUCTIVE,
    MIN(O.DataLimita) AS PRIMA_ZI,
    MAX(O.DataLimita) AS LAST_DAY,
    SUM(F.Cantitate) AS NUMAR_PRODUSE_LIVRATE
FROM CURIERI AS C INNER JOIN Comenzi AS O
ON C.IdCurier = O.IdCurier
INNER JOIN Facturi AS F
ON O.IdComanda = F.IdComanda
GROUP BY C.IdCurier, C.NumeCurier, C.PrenumeCurier

```

```
--AFISATI IN CATE ZILE S-AU FACUT LIVRARI PE FIECARE CURIER IN PARTE
SELECT C.NumeCurier, C.PrenumeCurier, COUNT(DISTINCT(O.DataLimita)) AS
NUMAR_ZILE_PE_CURIER
FROM Comenzi AS O INNER JOIN Curieri AS C
ON O.IdCurier = C.IdCurier
GROUP BY C.NumeCurier, C.PrenumeCurier
336 --AFISATI IN CATE ZILE S-AU FACUT LIVRARI PE FIECARE CURIER IN PARTE
337 SELECT C.NumeCurier, C.PrenumeCurier, COUNT(DISTINCT(O.DataLimita)) AS NUMAR_ZILE_PE_CURIER
338 FROM Comenzi AS O INNER JOIN Curieri AS C
339 ON O.IdCurier = C.IdCurier
340 GROUP BY C.NumeCurier, C.PrenumeCurier
341
```

96 % ▶

Results Messages

	NumeCurier	PrenumeCurier	NUMAR_ZILE_PE_CURIER
1	Apreutesei	Alin	2
2	Ciucas	Alin	2
3	Sucarov	Corina	1
4	Varbilau	Cristi	1
5	Cretulescu	Darius	1
6	Cubini	Dorian	1

```
--AFISATI CATE COMENZI AU FOST LIVRATE DE FIECARE CURIER SI NUMELE COMPANIEI DE CURIERAT LA CARE LUCREAZA ACESTA
```

```
SELECT C.NumeCurier, c.PrenumeCurier, COUNT(*) AS Nr_Comenzi, F.NumeFirma
FROM Comenzi AS O INNER JOIN Curieri AS C
ON C.IdCurier = O.IdCurier
INNER JOIN FirmeCurierat AS F
ON F.IdFirmaCurierat = C.IdFirmaCurierat
group by
F.NumeFirma, C.NumeCurier, c.PrenumeCurier
343 --AFISATI CATE COMENZI AU FOST LIVRATE DE FIECARE CURIER SI NUMELE COMPANIEI DE CURIERAT LA CARE LUCREAZA ACESTA
344 SELECT C.NumeCurier, c.PrenumeCurier, COUNT(*) AS Nr_Comenzi, F.NumeFirma
345 FROM Comenzi AS O INNER JOIN Curieri AS C
346 ON C.IdCurier = O.IdCurier
347 INNER JOIN FirmeCurierat AS F
348 ON F.IdFirmaCurierat = C.IdFirmaCurierat
349 group by
350 F.NumeFirma, C.NumeCurier, c.PrenumeCurier
351
```

96 % ▶

Results Messages

	NumeCurier	PrenumeCurier	Nr_Comenzi	NumeFirma
1	Apreutesei	Alin	2	Fan Curier
2	Cretulescu	Darius	1	Fan Curier
3	Ioanide	Quentin	1	Fan Curier
4	Sumedrea	Sorin	1	Nemo Express
5	Vasiliu	George	3	Nemo Express
6	Ciucas	Alin	2	Urgent Carous

```
--SA SE AFISEZE NUMARUL DE PRODUSE COMANDATE DE FIECARE CLIENT DIN ZONA DE VEST A TARII
```

```
SELECT C.NumeClient, C.PrenumeClient, SUM(F.Cantitate) AS Nr_Produse
FROM CLIENTI AS C INNER JOIN Judete AS J
ON C.IdJudet = J.IdJudet
INNER JOIN JudeteRegiuni AS JR
ON JR.IdJudet = J.IdJudet
INNER JOIN Regiuni AS R
ON R.IdRegiune = JR.IdRegiune
```

```

INNER JOIN Comenzi AS O
ON O.IdClient = C.IdClient
INNER JOIN FACTURI AS F
ON F.IdComanda = O.IdComanda
WHERE R.NumeRegiune LIKE 'Vest'
GROUP BY C.NumeClient, C.PrenumeClient
353 --SA SE AFISEZE NUMARUL DE PRODUSE COMANDATE DE FIECARE CLIENT DIN ZONA DE VEST A TARII
354 SELECT C.NumeClient, C.PrenumeClient, SUM(F.Cantitate) AS Nr_Produse
355 FROM CLIENTI AS C INNER JOIN Judete AS J
356 ON C.IdJudet = J.IdJudet
357 INNER JOIN JudeteRegiuni AS JR
358 ON JR.IdJudet = J.IdJudet
359 INNER JOIN Regiuni AS R
360 ON R.IdRegiune = JR.IdRegiune
361 INNER JOIN Comenzi AS O
362 ON O.IdClient = C.IdClient
363 INNER JOIN FACTURI AS F
364 ON F.IdComanda = O.IdComanda
365 WHERE R.NumeRegiune LIKE 'Vest'
366 GROUP BY C.NumeClient, C.PrenumeClient
367
368

```

16 %

Results Messages

	NumeClient	PrenumeClient	Nr_Produse
1	Preoteasa	Cristiana	2
2	Radu	Ilinca	7
3	Maier	Laura	2

```

--SA SE AFISEZE PRETUL CEL MAI SCUMP AL UNUI PRODUS DIN FIECARE CATEGORIE
SELECT MAX(F.PretUnitar) AS Pret_Maxim, CAT.NumeCategoria, P.DenumireProdus
FROM CategoriiProduse AS CAT
INNER JOIN Produse AS P
ON P.IdCategoria = CAT.IdCategoria
INNER JOIN Facturi AS F
ON F.IdProdus = P.Id_Produs
GROUP BY CAT.NumeCategoria, P.DenumireProdus

```

```

369 --SA SE AFISEZE PRETUL CEL MAI SCUMP AL UNUI PRODUS DIN FIECARE CATEGORIE
370 SELECT MAX(F.PretUnitar) AS Pret_Maxim, CAT.NumeCategoria, P.DenumireProdus
371 FROM CategorieProduse AS CAT
372 INNER JOIN Produse AS P
373 ON P.IdCategoria = CAT.IdCategoria
374 INNER JOIN Facturi AS F
375 ON F.IdProdus = P.Id_Produs
376 GROUP BY CAT.NumeCategoria, P.DenumireProdus
377

```

96 %

Results Messages

	Pret_Maxim	NumeCategoria	DenumireProdus
1	600.00	Casual	Adidasi casual
2	999.00	Sport	Adidasi upperheel
3	215.00	Kids	Air Jordan 10 mini
4	500.00	Denim	Blugi Rupti Spate
5	120.00	Denim	Blugi Scarlett
6	2500.00	Sport	Bocanci albinist

--AVAND IN VEDERE CA PRETURILE POT VARIA DE LA O ZI LA ALTA, IMPLICIT DE LA O COMANDA LA ALTA

--SA SE AFISEZE, PENTRU FIECARE PRODUS, PRETUL MAXIM LA CARE A FOST VANDUT

```

SELECT P.Id_Produs, P.DenumireProdus, MAX(F.PretUnitar) AS Pret_Maxim_Facturare
FROM Produse AS P
INNER JOIN Facturi AS F
ON P.Id_Produs = F.IdProdus
GROUP BY P.Id_Produs, P.DenumireProdus

```

580

```

381 --AVAND IN VEDERE CA PRETURILE POT VARIA DE LA O ZI LA ALTA, IMPLICIT DE LA O COMANDA LA ALTA
382 --SA SE AFISEZE, PENTRU FIECARE PRODUS, PRETUL MAXIM LA CARE A FOST VANDUT
383 SELECT P.Id_Produs, P.DenumireProdus, MAX(F.PretUnitar) AS Pret_Maxim_Facturare
384 FROM Produse AS P
385 INNER JOIN Facturi AS F
386 ON P.Id_Produs = F.IdProdus
387 GROUP BY P.Id_Produs, P.DenumireProdus
388
389

```

96 %

Results Messages

	Id_Produs	DenumireProdus	Pret_Maxim_Facturare
1	1	Rochie tennis	300.00
2	4	Colanti biker scurti	170.00
3	5	Rochie bretele backless	1799.00
4	6	Sutien corset costum baie	300.00
5	7	Sandale barete	2800.00
6	8	Rochie backless	1200.00

7. VIEW-uri

```
--CREATI O VEDERE CARE SA CONTINA NUMARUL TOTAL DE PRODUSE VANDUTE IN FIECARE LUNA A ANULUI CURENT
IF OBJECT_ID('View_Nr_Produse_pe_Luna', 'V') IS NOT NULL
    DROP VIEW View_Nr_Produse_pe_Luna
GO
CREATE VIEW View_Nr_Produse_pe_Luna
AS
SELECT MONTH(C.DataPlasare) AS LUNA, SUM(F.Cantitate) AS NR_PRODUSE
FROM Comenzi AS C
INNER JOIN Facturi AS F
ON F.IdComanda = C.IdComanda
WHERE YEAR(C.DataPlasare) = YEAR(GETDATE())
GROUP BY MONTH(C.DataPlasare)

SELECT*FROM View_Nr_Produse_pe_Luna
```

The screenshot shows the SQL Server Management Studio interface. The code window displays the creation of a view named 'View_Nr_Produse_pe_Luna'. The results window shows a table with two columns: 'LUNA' and 'NR_PRODUSE'. The data is as follows:

	LUNA	NR_PRODUSE
1	1	15
2	2	11
3	3	14
4	4	15
5	5	27
6	6	8

```
--CREATI O VEDERE CARE SA AFISEZE TOTI CLIENTII CARE AU CUMPARAT PRODUSE DE LA BRANDUL VERSACE
IF OBJECT_ID('View_Clienti_Versace', 'V') IS NOT NULL
    DROP VIEW View_Clienti_Versace
GO
CREATE VIEW View_Clienti_Versace AS
    SELECT C.NumeClient, C.PrenumeClient, c.Adresa, P.Id_Produs, P.DenumireProdus,
B.NumeBrand
    FROM Clienti AS C INNER JOIN Comenzi AS O
    ON O.IdClient = C.IdClient
    INNER JOIN Facturi AS F
    ON F.IdComanda = O.IdComanda
    INNER JOIN Produse AS P
    ON P.Id_Produs = F.IdProdus
```

```

    INNER JOIN Branduri AS B
    ON B.IdBrand = P.IdBrand
    WHERE B.NumeBrand LIKE 'Versace'
    SELECT*FROM View_Clienti_Versace
--17 --CREATI O VEDERE CARE SA AFISEZE TOTI CLIENTII CARE AU CUMPARAT PRODUSE DE LA BRANDUL VERSACE
18 IF OBJECT_ID('View_Clienti_Versace', 'V') IS NOT NULL
19 DROP VIEW View_Clienti_Versace
20 GO
21 CREATE VIEW View_Clienti_Versace AS
22     SELECT C.NumeClient, C.PrenumeClient, c.Adresa, P.Id_Produs, P.DenumireProdus, B.NumeBrand
23     FROM Clienti AS C INNER JOIN Comenzi AS O
24     ON O.IdClient = C.IdClient
25     INNER JOIN Facturi AS F
26     ON F.IdComanda = O.IdComanda
27     INNER JOIN Produse AS P
28     ON P.Id_Produs = F.IdProdus
29     INNER JOIN Branduri AS B
30     ON B.IdBrand = P.IdBrand
31     WHERE B.NumeBrand LIKE 'Versace'
32     SELECT*FROM View_Clienti_Versace

```

96 %

Results Messages

	NumeClient	PrenumeClient	Adresa	Id_Produs	DenumireProdus	NumeBrand
1	Chirila	Tudor	Strada Martisor 87	8	Rochie backless	Versace
2	Crampita	Claudiu	Strada 1 Mai 7	39	Halat pufos flagship	Versace
3	Radu	Ilinca	Strada Teodorovici 67	39	Halat pufos flagship	Versace

```

--CREATI O VEDERE CARE SA AFISEZE TOATE COMENZILE DIN REGIUNEA DE SUD-EST A TARII
IF OBJECT_ID('View_Comenzi_SudEst', 'V') IS NOT NULL
    DROP VIEW View_Comenzi_SudEst
GO
CREATE VIEW View_Comenzi_SudEst AS
    SELECT DISTINCT C.IdComanda, c.IdClient, c.IdAngajatPrelucrare, c.IdCod,
    c.AdresaLivrare,c.DataPlasare,c.DataLimita
    FROM Comenzi AS C
    INNER JOIN JudeteRegiuni AS JR
    ON C.IdJudetLivrare = JR.IdRegiune
    INNER JOIN Regiuni AS R
    ON R.IdRegiune = JR.IdRegiune
    WHERE R.NumeRegiune LIKE 'Sud-Est'
    SELECT*FROM View_Comenzi_SudEst
--35 --CREATI O VEDERE CARE SA AFISEZE TOATE COMENZILE DIN REGIUNEA DE SUD-EST A TARII
36 IF OBJECT_ID('View_Comenzi_SudEst', 'V') IS NOT NULL
37     DROP VIEW View_Comenzi_SudEst
38 GO
39 CREATE VIEW ...View_Comenzi_SudEst AS
40     SELECT DISTINCT C.IdComanda, c.IdClient, c.IdAngajatPrelucrare, c.IdCod, c.AdresaLivrare,c.DataPlasare,c.DataLimita
41     FROM Comenzi AS C
42     INNER JOIN JudeteRegiuni AS JR
43     ON C.IdJudetLivrare = JR.IdRegiune
44     INNER JOIN Regiuni AS R
45     ON R.IdRegiune = JR.IdRegiune
46     WHERE R.NumeRegiune LIKE 'Sud-Est'
47     SELECT*FROM View_Comenzi_SudEst

```

96 %

Results Messages

	IdComanda	IdClient	IdAngajatPrelucrare	IdCod	AdresaLivrare	DataPlasare	DataLimita
1	68	4	3	5	Strada Soricel 115	2021-02-21	2021-02-28

```

--CREATI O VEDERE IN CARE SA AVEM FIECARE ANGAJAT CU NUMARUL DE COMENZI PRELUCRATE
IF OBJECT_ID('View_Angajati_Nr_Comenzi', 'V') IS NOT NULL
    DROP VIEW View_Angajati_Nr_Comenzi
GO
CREATE VIEW View_Angajati_Nr_Comenzi AS
    SELECT A.NumeAngajat, A.PrenumeAngajat, COUNT(C.IdComanda) AS COMENZI_PRELUCRATE
    FROM Angajati AS A
    INNER JOIN Comenzi AS C
    ON C.IdAngajatPrelucrare = A.Id_Angajat
    GROUP BY A.NumeAngajat, A.PrenumeAngajat
    SELECT*FROM View_Angajati_Nr_Comenzi
--CREATI O VEDERE IN CARE SA AVEM FIECARE ANGAJAT CU NUMARUL DE COMENZI PRELUCRATE
51 IF OBJECT_ID('View_Angajati_Nr_Comenzi', 'V') IS NOT NULL
52 DROP VIEW View_Angajati_Nr_Comenzi
53 GO
54 CREATE VIEW View_Angajati_Nr_Comenzi AS
55     SELECT A.NumeAngajat, A.PrenumeAngajat, COUNT(C.IdComanda) AS COMENZI_PRELUCRATE
56     FROM Angajati AS A
57     INNER JOIN Comenzi AS C
58     ON C.IdAngajatPrelucrare = A.Id_Angajat
59     GROUP BY A.NumeAngajat, A.PrenumeAngajat
60     SELECT*FROM View_Angajati_Nr_Comenzi
61
62

```

Results

	NumeAngajat	PrenumeAngajat	COMENZI_PRELUCRATE
1	Popa	Alina	2
2	Florescu	Catalin	7
3	Enache	Diandra	2
4	Dumitriu	Dragos	4
5	Stanescu	Ioanina	3
6	Mincu	Mirela	2
7	Vasilache	Smaranda	5
8	Georgescu	Zenaida	1

```

--CREATI UN VIEW IN CARE SA AVEM FIECARE ANGAJAT CU SALARIUL SAU NET
IF OBJECT_ID('View_Angajati_Salariu_NET', 'V') IS NOT NULL
    DROP VIEW View_Angajati_Salariu_NET
GO
CREATE VIEW View_Angajati_Salariu_NET AS
    WITH M AS
        (SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, SUM(A.SalariuBrut * 
IMP.ProcentImpozit/100) AS LA_STAT, A.SalariuBrut
        FROM Angajati AS A INNER JOIN ImpoziteAngajati AS I
        ON A.Id_Angajat = I.IdAngajat
        INNER JOIN Impozite AS IMP
        ON IMP.IdImpozit = I.IdImpozit
        GROUP BY A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut)
    SELECT M.Id_Angajat, M.NumeAngajat, M.PrenumeAngajat, M.SalariuBrut-M.LA_STAT AS
SALARIU_NET
        FROM M
        WHERE M.SalariuBrut - M.LA_STAT >0
    SELECT*FROM View_Angajati_Salariu_NET

```

```

63      --CREATI UN VIEW IN CARE SA AVEM FIECARE ANGAJAT CU SALARIUL SAU NET
64  IF OBJECT_ID('View_Angajati_Salariu_NET', 'V') IS NOT NULL
65  DROP VIEW View_Angajati_Salariu_NET
66  GO
67  CREATE VIEW View_Angajati_Salariu_NET AS
68  WITH M AS
69  (SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, SUM(A.SalariuBrut * IMP.ProcentImpozit/100) AS LA_STAT, A.SalariuBrut
70  FROM Angajati AS A INNER JOIN ImpoziteAngajati AS I
71  ON A.Id_Angajat = I.IdAngajat
72  INNER JOIN Impozite AS IMP
73  ON IMP.IdImpozit = I.IdImpozit
74  GROUP BY A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut)
75  SELECT M.Id_Angajat, M.NumeAngajat, M.PrenumeAngajat, M.SalariuBrut-M.LA_STAT AS SALARIU_NET
76  FROM M
77  WHERE M.SalariuBrut - M.LA_STAT >0
78  SELECT*FROM View_Angajati_Salariu_NET
79

```

Results Messages

	Id_Angajat	NumeAngajat	PrenumeAngajat	SALARIU_NET
1	1	Popa	Alina	3685
2	2	Florescu	Catalin	2860
3	3	Enache	Diandra	3465
4	4	Mincu	Mirela	2695
5	5	Dumitriu	Dragos	3822.5
6	6	Vasilache	Smaranda	3245
7	8	Stanescu	Ioanina	6600
8	9	Georgescu	Zenaida	3080

```

--CREATI UN VIEW CARE SA AFISEZE SUMA PE CARE O DEPUNE LUNAR LA SANATATE FIECARE ANGAJAT
IF OBJECT_ID('View_Angajati_CASS', 'V') IS NOT NULL
    DROP VIEW View_Angajati_CASS
GO
CREATE VIEW View_Angajati_CASS
AS
    SELECT A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut * I.ProcentImpozit/100 AS
TO_CASS
        FROM Angajati AS A INNER JOIN ImpoziteAngajati AS IA
        ON A.Id_Angajat = IA.IdAngajat
        INNER JOIN Impozite AS I
        ON IA.IdImpozit = I.IdImpozit
        WHERE I.NumeImpozit LIKE 'CASS'
    SELECT*FROM View_Angajati_CASS

```

```

80
81 --CREATI UN VIEW CARE SA AFISEZE SUMA PE CARE O DEPUNE LUNAR LA SANATATE FIECARE ANGAJAT
82 IF OBJECT_ID('View_Angajati_CASS', 'V') IS NOT NULL
83     DROP VIEW View_Angajati_CASS
84 GO
85 CREATE VIEW View_Angajati_CASS
86 AS
87     SELECT A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut * I.ProcentImpozit/100 AS TO_CASS
88     FROM Angajati AS A INNER JOIN ImpoziteAngajati AS IA
89     ON A.Id_Angajat = IA.IdAngajat
90     INNER JOIN Impozite AS I
91     ON IA.IdImpozit = I.IdImpozit
92     WHERE I.NumeImpozit LIKE 'CASS'
93     SELECT*FROM View_Angajati_CASS
94

```

96 %

Results Messages

	NumeAngajat	PrenumeAngajat	TO_CASS
1	Popa	Alina	670
2	Florescu	Catalin	520
3	Enache	Diandra	630
4	Mincu	Mirela	490
5	Dumitriu	Dragos	695
6	Vasilache	Smaranda	590
7	Stanescu	Ioanina	1200
8	Georgescu	Zenaida	560

--CREATI O VEDERE CARE SA AFISEZE PENTRU Fiecare COMANDA, NUMELE SI PRENUMELE ANGAJATULUI CARE A PRELUCRAT-O, NUMELE, PRENUMELE SI FIRMA DE CURIERAT PENTRU CURIER SI --NUMELE SI PRENUMELE CLIENTULUI

```

IF OBJECT_ID('View_Comanda_Indivizi', 'V') IS NOT NULL
    DROP VIEW View_Comanda_Indivizi
GO
CREATE VIEW View_Comanda_Indivizi AS
    SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat,
           R.NumeCurier, R.PrenumeCurier, F.NumeFirma,
           CL.NumeClient, CL.PrenumeClient
    FROM Comenzi AS C
    INNER JOIN Angajati AS A
    ON C.IdAngajatPrelucrare = A.Id_Angajat
    INNER JOIN Clienti AS CL
    ON CL.IdClient = C.IdClient
    INNER JOIN Curieri AS R
    ON R.IdCurier = C.IdCurier
    INNER JOIN FirmeCurierat AS F
    ON F.IdFirmaCurierat = R.IdFirmaCurierat

```

```

78
99 IF OBJECT_ID('View_Comanda_Indivizi', 'V') IS NOT NULL
100   DROP VIEW View_Comanda_Indivizi
101 GO
102 CREATE VIEW View_Comanda_Indivizi AS
103   SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat,
104         R.NumeCurier, R.PrenumeCurier, F.NumeFirma,
105         CL.NumeClient, CL.PrenumeClient
106     FROM Comenzi AS C
107     INNER JOIN Angajati AS A
108       ON C.IdAngajatPrelucrare = A.Id_Angajat
109     INNER JOIN Clienti AS CL
110       ON CL.IdClient = C.IdClient
111     INNER JOIN Curieri AS R
112       ON R.IdCurier = C.IdCurier
113     INNER JOIN FirmeCurierat AS F
114       ON F.IdFirmaCurierat = R.IdFirmaCurierat
115   SELECT*FROM View_Comanda_Indivizi

```

Results

	Id_Angajat	NumeAngajat	PrenumeAngajat	NumeCurier	PrenumeCurier	NumeFirma	NumeClient	PrenumeClient
1	2	Florescu	Catalin	Dascalescu	Paulica	Urgent Cargus	Buzatoiu	Alexandra
2	2	Florescu	Catalin	Dascalescu	Paulica	Urgent Cargus	Chirila	Tudor
3	6	Vasilache	Smaranda	Vasiliu	George	Nemo Express	Margaritou	Luca
4	2	Florescu	Catalin	Apreotesei	Alin	Fan Curier	Rauta	Ioana
5	5	Dumitriu	Dragos	Dascalescu	Paulica	Urgent Cargus	Radu	Petru
6	6	Vasilache	Smaranda	Vasiliu	George	Nemo Express	Buzatoiu	Alexandra
7	1	Popa	Alina	Apreotesei	Alin	Fan Curier	Chirila	Tudor
8	2	Florescu	Catalin	Dascalescu	Paulica	Urgent Cargus	Preoteasa	Cristiana
n	2	Enache	Diandra	Vasiliu	George	Nemo Express	Margaritou	Luca

```

--CREATI O VEDERE CARE SA INDICE PROFITUL OBTINUT DE FIECARE INFLUENCER
IF OBJECT_ID('View_Influenceri_Profit', 'V') IS NOT NULL
  DROP VIEW View_Influenceri_Profit
GO
CREATE VIEW View_Influenceri_Profit AS
  SELECT I.NumeInfluencer, I.PrenumeInfluencer,
SUM(F.Cantitate*F.PretUnitar*COD.ProcentReducere/100) AS ProfitInfluencer
  FROM CoduriReducere AS COD
  INNER JOIN Comenzi AS C
  ON C.IdCod = COD.IdCod
  INNER JOIN Influenceri AS I
  ON I.IdInfluencer = COD.IdInfluencer
  INNER JOIN Facturi AS F
  ON F.IdComanda = C.IdComanda
  GROUP BY I.NumeInfluencer, I.PrenumeInfluencer

  SELECT*FROM View_Influenceri_Profit

```

```

118 --CREATI O VEDERE CARE SA INDICE PROFITUL OBTINUT DE FIECARE INFLUENCER
119 IF OBJECT_ID('View_Influenceri_Profit', 'V') IS NOT NULL
120     DROP VIEW View_Influenceri_Profit
121 GO
122 CREATE VIEW View_Influenceri_Profit AS
123     SELECT I.NumeInfluencer, I.PrenumeInfluencer, SUM(F.Cantitate*F.PretUnitar*COD.ProcentReducere/100) AS ProfitInfluencer
124     FROM CoduriReducere AS COD
125     INNER JOIN Comenzi AS C
126     ON C.IdCod = COD.IdCod
127     INNER JOIN Influenceri AS I
128     ON I.IdInfluencer = COD.IdInfluencer
129     INNER JOIN Facturi AS F
130     ON F.IdComanda = C.IdComanda
131     GROUP BY I.NumeInfluencer, I.PrenumeInfluencer
132
133
134     SELECT*FROM View_Influenceri_Profit

```

16 %

Results Messages

	NumeInfluencer	PrenumeInfluencer	ProfitInfluencer
1	Pestriu	Adelina	190.50
2	Ceusan	Alina	843.00
3	Morodan	Ana	39.00
4	Ramascanu	Ana-Elena	2246.75
5	Dascalu	Arya	210.00
6	Grebenisan	Carmen	617.70
7	Ich	Cristina	1662.90
8	Anghel	Daiana	170.85
9	Irina	Dorosorou	600.95

```

--CREATI UN VIEW CARE SA INDICE, PENTRU FIECARE REGIUNE A TARII, CARE ESTE FIRMA DE
CURIERAT CEA MAI POPULARA
IF OBJECT_ID('View_Regiuni_FirmeCurieri', 'V') IS NOT NULL
    DROP VIEW View_Regiuni_FirmeCurieri
GO
CREATE VIEW View_Regiuni_FirmeCurieri AS
    WITH FIRM AS
        (SELECT R.NumeRegiune, F.NumeFirma, COUNT(C.IdComanda) AS NR_COM_FIRMA
        FROM Regiuni AS R INNER JOIN JudeteRegiuni AS jr
        ON R.IdRegiune = JR.IdRegiune
        INNER JOIN Comenzi AS C
        ON C.IdJudetLivrare = JR.IdJudet
        INNER JOIN Curieri AS M
        ON M.IdCurier = C.IdCurier
        INNER JOIN FirmeCurierat AS F
        ON F.IdFirmaCurierat = M.IdFirmaCurierat
        GROUP BY R.NumeRegiune, F.NumeFirma),
    ALMOST AS
        (SELECT FIRM.NumeFirma, FIRM.NumeRegiune, MAX(FIRM.NR_COM_FIRMA) AS
LIVR_MAX
        FROM FIRM
        GROUP BY FIRM.NumeFirma, FIRM.NumeRegiune)
    SELECT NumeRegiune, NumeFirma
    FROM ALMOST
    WHERE LIVR_MAX = (SELECT MAX(LIVR_MAX) FROM ALMOST AS Q WHERE Q.NumeRegiune =
ALMOST.NumeRegiune)
    -----!!!!!!YEYEEYEYEEY
```

```

142      (SELECT R.NumeRegiune, F.NumeFirma, COUNT(C.IdComanda) AS NR_COM_FIRMA
143      FROM Regiuni AS R INNER JOIN JudeteRegiuni as jr
144      ON R.IdRegiune = JR.IdRegiune
145      INNER JOIN Comenzi AS C
146      ON C.IdJudetLivrare = JR.IdJudet
147      INNER JOIN Curieri AS M
148      ON M.IdCurier= C.IdCurier
149      INNER JOIN FirmeCurierat AS F
150      ON F.IdFirmaCurierat = M.IdFirmaCurierat
151      GROUP BY R.NumeRegiune, F.NumeFirma),
152  ALMOST AS
153      (SELECT FIRM.NumeFirma, FIRM.NumeRegiune, MAX(FIRM.NR_COM_FIRMA) AS LIVR_MAX
154      FROM FIRM
155      GROUP BY FIRM.NumeFirma, FIRM.NumeRegiune)
156  SELECT NumeRegiune, NumeFirma
157  FROM ALMOST
158  WHERE LIVR_MAX = (SELECT MAX(LIVR_MAX) FROM ALMOST AS Q WHERE Q.NumeRegiune = ALMOST.NumeRegiune)
159  ---!!!!!!!!!!!!!!YEYEYEYEYEY
160  SELECT*FROM View_Regiuni_FirmeCurieri
161

```

Results

	NumeRegiune	NumeFirma
1	Vest	Urgent Cargus
2	Sud-Muntenia	Fan Curier
3	Sud-Est	Urgent Cargus
4	Sud-Est	Fan Curier
5	Nord-Vest	Urgent Cargus
6	Nord-Est	Urgent Cargus

```

--CREATI O VEDERE CARE SA AFISEZE CE ZODIE ESTE FIECARE CLIENT
IF OBJECT_ID('View_Zodii_Clienti', 'V') IS NOT NULL
    DROP VIEW View_Zodii_Clienti
GO
CREATE VIEW View_Zodii_Clienti AS
    SELECT C.IdClient, C.NumeClient, C.PrenumeClient, CASE
        WHEN (MONTH(C.DataNastere) = 1 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 12 AND DAY(C.DataNastere) > 21) THEN 'CAPRICORN'
        WHEN (MONTH(C.DataNastere) = 2 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 1 AND DAY(C.DataNastere) > 21) THEN 'VARSATOR'
        WHEN (MONTH(C.DataNastere) = 3 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 2 AND DAY(C.DataNastere) > 21) THEN 'PESTI'
        WHEN (MONTH(C.DataNastere) = 4 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 3 AND DAY(C.DataNastere) > 21) THEN 'BERBEC'
        WHEN (MONTH(C.DataNastere) = 5 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 4 AND DAY(C.DataNastere) > 21) THEN 'TAUR'
        WHEN (MONTH(C.DataNastere) = 6 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 5 AND DAY(C.DataNastere) > 21) THEN 'GEMENI'
        WHEN (MONTH(C.DataNastere) = 7 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 6 AND DAY(C.DataNastere) > 21) THEN 'RAC'
        WHEN (MONTH(C.DataNastere) = 8 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 7 AND DAY(C.DataNastere) > 21) THEN 'LEU'
        WHEN (MONTH(C.DataNastere) = 9 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 8 AND DAY(C.DataNastere) > 21) THEN 'FECIOARA'
        WHEN (MONTH(C.DataNastere) = 10 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 9 AND DAY(C.DataNastere) > 21) THEN 'BALANTA'
        WHEN (MONTH(C.DataNastere) = 11 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 10 AND DAY(C.DataNastere) > 21) THEN 'SCORPION'

```

```

        WHEN (MONTH(C.DataNastere) = 12 AND DAY(C.DataNastere) < 22) OR
(MONTH(C.DataNastere) = 11 AND DAY(C.DataNastere) > 21) THEN 'SAGETATOR'
    END AS ZodieClient
    FROM Clienti AS C
    SELECT*FROM View_Zodii_Clienti
165  DROP VIEW View_Zodii_Clienti
166  GO
167  CREATE VIEW View_Zodii_Clienti AS
168      SELECT C.IdClient, C.NumeClient, C.PrenumeClient, CASE
169          WHEN (MONTH(C.DataNastere) = 1 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 12 AND DAY(C.DataNastere) > 21) THEN 'CAPRICOR'
170          WHEN (MONTH(C.DataNastere) = 2 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 1 AND DAY(C.DataNastere) > 21) THEN 'VARSATOR'
171          WHEN (MONTH(C.DataNastere) = 3 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 2 AND DAY(C.DataNastere) > 21) THEN 'PESTI'
172          WHEN (MONTH(C.DataNastere) = 4 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 3 AND DAY(C.DataNastere) > 21) THEN 'BERBEC'
173          WHEN (MONTH(C.DataNastere) = 5 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 4 AND DAY(C.DataNastere) > 21) THEN 'TAUR'
174          WHEN (MONTH(C.DataNastere) = 6 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 5 AND DAY(C.DataNastere) > 21) THEN 'GEMENI'
175          WHEN (MONTH(C.DataNastere) = 7 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 6 AND DAY(C.DataNastere) > 21) THEN 'RAC'
176          WHEN (MONTH(C.DataNastere) = 8 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 7 AND DAY(C.DataNastere) > 21) THEN 'LEU'
177          WHEN (MONTH(C.DataNastere) = 9 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 8 AND DAY(C.DataNastere) > 21) THEN 'FECIOARA'
178          WHEN (MONTH(C.DataNastere) = 10 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 9 AND DAY(C.DataNastere) > 21) THEN 'BALANTA'
179          WHEN (MONTH(C.DataNastere) = 11 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 10 AND DAY(C.DataNastere) > 21) THEN 'SCORPION'
180          WHEN (MONTH(C.DataNastere) = 12 AND DAY(C.DataNastere) < 22) OR (MONTH(C.DataNastere) = 11 AND DAY(C.DataNastere) > 21) THEN 'SAGETATOR'
181      END AS ZodieClient
182      FROM Clienti AS C
183  SELECT*FROM View_Zodii_Clienti
184
%
```

Results Messages

IdClient	NumeClient	PrenumeClient	ZodieClient
1	Buzatoini	Alexandra	PESTI
2	Chirila	Tudor	PESTI
3	Preoteasa	Cristiana	GEMENI
4	Margaritou	Luca	SCORPION
5	Duran	Dominic	RAC
6	Rauta	Ioana	BALANTA

8. TRIGGER-e

```
--CREATI UN TRIGGER CARE SA NU VA PERMITA SA INSERATI ACEEASI CATEGORIE DE PRODUSE DE 2 ORI
IF OBJECT_ID('tr_Categorii', 'TR') IS NOT NULL
    DROP TRIGGER tr_Categorii
GO
CREATE TRIGGER tr_Categorii
ON CategoriiProduse
AFTER INSERT, UPDATE
AS
BEGIN
    IF @@ROWCOUNT = 0 RETURN;
    SET NOCOUNT ON;
    IF EXISTS (SELECT COUNT(*)
        FROM Inserted AS I
        JOIN CategoriiProduse AS C
        ON I.NumeCategoria = C.NumeCategoria
        GROUP BY I.NumeCategoria
        HAVING COUNT(*) > 1 )
        BEGIN
            THROW 50000, 'CATEGORIA EXISTA DEJA! NU SE MAI POATE INSERA',
            0;
        END
    END

INSERT INTO CategoriiProduse
VALUES ('Sport', 'Fii cool cand transpiri')
select*from CategoriiProduse
```

The screenshot shows a SQL editor interface with the following details:

- Code Area:** Displays the T-SQL code for creating a trigger named `tr_Categorii`. The code includes logic to check if a category already exists and throw an error if so.
- Status Bar:** Shows "96 %".
- Messages Tab:** Contains the following message:

```
Msg 50000, Level 16, State 0, Procedure tr_Categorii, Line 15 [Batch Start Line 22]
CATEGORIA EXISTA DEJA! NU SE MAI POATE INSERA
```
- Completion time:** 2021-05-12T23:24:16.9420264+03:00

```
--CREATI UN TRIGGER AFTER UN UPDATE IN TABELA CLIENTI CARE SA NE SPUNA CA MODIFICARILE AU
FOST EFECTUATE CU SUCCES
IF OBJECT_ID('UpdateClienti', 'TR') IS NOT NULL
    DROP TRIGGER UpdateClienti
GO
create trigger UpdateClienti
on Clienti
after update
as
print 'Modificările pe tabela Clienti au fost efectuate cu succes!'
select*from Clienti

UPDATE Clienti
SET PrenumeClient = 'Viviana' where NumeClient = 'Nanu'

28
29     --CREATI UN TRIGGER AFTER UN UPDATE IN TABELA CLIENTI CARE SA NE SPUNA CA MODIFICARILE AU FOST EFECTUATE CU SUCCES
30 IF OBJECT_ID('UpdateClienti', 'TR') IS NOT NULL
31     DROP TRIGGER UpdateClienti
32 GO
33 create trigger UpdateClienti
34 on Clienti
35 after update
36 as
37 print 'Modificările pe tabela Clienti au fost efectuate cu succes!'
38 select*from Clienti
39
40 UPDATE Clienti
41 SET PrenumeClient = 'Viviana' where NumeClient = 'Nanu'
42
```

96 %

Results Messages

IdClient	NumeClient	PrenumeClient	Adresa	Oras	IdJudet	Mail	Telefon	DataNastere
14	Brezeanu	Ana	Strada Crima Rece 73	Baia M...	26	ana.brezi@gmail.com	0723456122	2000-08-16
15	Nanu	Viviana	Strada Docentilor 33	Buffea...	25	nanu_urulet@yahoo.com	0767890954	2000-03-15
16	Crampita	Claudiu	Strada 1 Mai 7	Drobeta...	27	clau_andrei@gmail.com	0720345612	2000-04-28
17	Visoiu	Alexia	Strada Pana Filipescu...	Sfantu ...	15	ally_visoiu@gmail.com	0756432189	2001-02-17
18	Micu	Judelle	Strada Farin 92	Targovi...	16	jodelle_m@gmail.com	0789345612	2004-01-04
19	Mihalache	Mihail	Strada Malaiesti 27	Videla...	36	mih.mih@gmail.com	0789453627	2004-12-09
20	Georgescu	Georgiana	Strada S... 20	0760621654	2001-10-09

```
--CREATI UN TRIGGER CARE SA RETURNEZE NUMARUL DE RANDURI DIN TABELELE TEMPORARE INSERTED
SI DELETED CARE SE CREEAZA CAND OPERAM ASTEFL DE
--INSTRUCTIUNI PE TABELA CategorieProduse
IF OBJECT_ID('tr_CategP', 'TR') IS NOT NULL
DROP TRIGGER tr_CategP;
GO
CREATE TRIGGER tr_CategP
ON CategorieProduse
AFTER DELETE, INSERT, UPDATE
AS
BEGIN
IF @@ROWCOUNT = 0 RETURN; -- Trebuie să fie prima instrucțiune
SET NOCOUNT ON; -- server-ul nu mai afiseaza numarul de randuri afectate
SELECT COUNT(*) AS InsertedCount FROM Inserted;
SELECT COUNT(*) AS DeletedCount FROM Deleted
END

SELECT*FROM CategorieProduse
INSERT INTO CategorieProduse
VALUES('Incaltaminteee', 'Lipa lipa talpa mica')
```

```

45  --INSTRUCȚIUNI PE TABELA CategorieProduse
46  IF OBJECT_ID('tr_CategP', 'TR') IS NOT NULL
47  DROP TRIGGER tr_CategP;
48  GO
49  CREATE TRIGGER tr_CategP
50  ON CategorieProduse
51  AFTER DELETE, INSERT, UPDATE
52  AS
53  BEGIN
54  IF @@ROWCOUNT = 0 RETURN; -- Trebuie să fie prima instrucțiune
55  SET NOCOUNT ON; -- server-ul nu mai afiseaza numarul de randuri afectate
56  SELECT COUNT(*) AS InsertedCount FROM Inserted;
57  SELECT COUNT(*) AS DeletedCount FROM Deleted
58  END
59
60  SELECT*FROM CategorieProduse
61  INSERT INTO CategorieProduse
62  VALUES('Incaltamintee', 'Lipa lipa talpa mica')
63
64

```

96 %

	Results	Messages	
8	107	Watches	Produse pentru copii
9	108	Watches	Le temps mange la vie
10	109	Office	Moda la birou
		InsertedCount	
1		1	
		DeletedCount	
1		0	

--CREATI UN TRIGGER PE TABELA BARNDURI CARE SA NU PERMITA EXISTENTA A 2 BRANDURI CU ACEIASI NUME

```

IF OBJECT_ID('tr_BRAND_UNIQ', 'TR') IS NOT NULL
DROP TRIGGER tr_BRAND_UNIQ;
GO
CREATE TRIGGER tr_BRAND_UNIQ
ON Branduri
AFTER INSERT
AS
BEGIN
    IF @@ROWCOUNT = 0 RETURN;
    SET NOCOUNT ON;
    IF EXISTS (SELECT COUNT(*)
                FROM Inserted AS I
                JOIN Branduri AS C
                ON I.NumeBrand = C.NumeBrand
                GROUP BY I.NumeBrand
                HAVING COUNT(*) >= 1 )
        BEGIN
            THROW 50000, 'Brandul cu acest nume deja exista nu primim fake-
uri!!!', 0;
        END

```

```

--ELSE
-- BEGIN
--      INSERT Branduri (NumeBrand, Oras, Tara, PersoanaContact,
TelefonContact)
--      SELECT NumeBrand, Oras, Tara, PersoanaContact, TelefonContact
FROM Inserted;
-- END
END;

INSERT INTO Branduri
VALUES ('Bottega Veneta', 'Milano', 'Italia', 'Donatella Versace', 0788832434)
select*from Branduri
93
94 INSERT INTO Branduri
95 VALUES ('Bottega Veneta', 'Milano', 'Italia', 'Donatella Versace', 0788832434)
96 select*from Branduri
97
98 UPDATE Branduri
99 SET PersoanaContact = 'GEANINA Botteank' --
100 WHERE NumeBrand = 'Bottega Veneta'
101
102
96 % < Messages
Msg 50000, Level 16, State 0, Procedure tr_BRAND_UNIQ, Line 15 [Batch Start Line 92]
Brandul cu acest nume deja exista nu primim fake-uri!!

Completion time: 2021-05-12T23:26:57.2121548+03:00

```

```

--CREATI UN TRIGGER PE TABELA BARNDURI CARE SA NU PERMITA EXISTENTA A 2 FIRME DE CURIERAT
CU ACELASI NUME

IF OBJECT_ID('tr_FIRMA_CURIERAT_UNIQ', 'TR') IS NOT NULL
DROP TRIGGER tr_FIRMA_CURIERAT_UNIQ;
GO
CREATE TRIGGER tr_FIRMA_CURIERAT_UNIQ
ON FirmeCurierat
INSTEAD OF INSERT, UPDATE
AS
BEGIN
    IF @@ROWCOUNT = 0 RETURN;
        SET NOCOUNT ON;
    IF EXISTS (SELECT COUNT(*)
                FROM Inserted AS I
                JOIN FirmeCurierat AS C
                ON I.NumeFirma = C.NumeFirma
                GROUP BY I.NumeFirma
                HAVING COUNT(*) >= 1 )
        BEGIN
            THROW 50000, 'Firma de curierat cu acest nume deja exista nu se
poate reinsera!!!', 0;
        END
    ELSE
        BEGIN

```

```

                INSERT FirmeCurierat(NumeFirma, OrasSediu, AdresaSediu,
IdJudetSediu, TelefonSediu )
                SELECT NumeFirma, OrasSediu, AdresaSediu, IdJudetSediu,
TelefonSediu FROM Inserted;
                END
            END;

INSERT INTO FirmeCurierat
VALUES ('Nemo Express', 'O adresa la misto', 'Sovata', 30, '0789654311')

DELETE FROM FirmeCurierat
WHERE AdresaSediu LIKE '% misto'

SELECT*FROM FirmeCurierat

117          FROM Inserted AS I
118          JOIN FirmeCurierat AS C
119          ON I.NumeFirma = C.NumeFirma
120          GROUP BY I.NumeFirma
121          HAVING COUNT(*) >= 1 )
122      BEGIN
123          THROW 50000, 'Firma de curierat cu acest nume deja exista nu se poate reinsera!!'
124      END
125  ELSE
126      BEGIN
127          INSERT FirmeCurierat(NumeFirma, OrasSediu, AdresaSediu, IdJudetSediu, TelefonSediu )
128          SELECT NumeFirma, OrasSediu, AdresaSediu, IdJudetSediu, TelefonSediu FROM Inserted;
129      END
130  END;
131
132  INSERT INTO FirmeCurierat
133  VALUES ('Nemo Express', 'O adresa la misto', 'Sovata', 30, '0789654311')
134
135  DELETE FROM FirmeCurierat
136  WHERE AdresaSediu LIKE '% misto'

96 % ▾
Messages
Msg 50000, Level 16, State 0, Procedure tr_FIRMA_CURIERAT_UNIQ, Line 15 [Batch Start Line 130]
Firma de curierat cu acest nume deja exista nu se poate reinsera!!

Completion time: 2021-05-12T23:28:50.3433085+03:00

```

```

--CREATI UN TRIGGER CARE SA NU PERMITA INSERAREA UNUI ANGAJAT MINOR
IF OBJECT_ID('tr_ANGAJATI_MAJORI', 'TR') IS NOT NULL
DROP TRIGGER tr_ANGAJATI_MAJORI;
GO
CREATE TRIGGER tr_ANGAJATI_MAJORI
ON Angajati
AFTER INSERT
AS
BEGIN
    IF @@ROWCOUNT = 0 RETURN;
    SET NOCOUNT ON;

```

```

IF EXISTS (SELECT COUNT(*)
            FROM Inserted AS I
            WHERE DATEDIFF(YEAR, I.DataNastere, GETDATE()) < 18
            GROUP BY I.Id_Angajat
            HAVING COUNT(*) >=1)
BEGIN
    THROW 50000, 'NU SE POATE ANGAJA UN MINOR!!', 0;
END
--ELSE
-- BEGIN
--     INSERT Angajati(NumeAngajat, PrenumeAngajat, Functie,
DataNastere, DataAngajare, AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon,
SalariuBrut)
--     SELECT NumeAngajat, PrenumeAngajat, Functie, DataNastere,
DataAngajare, AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon, SalariuBrut
FROM Inserted;
-- END
END

INSERT INTO Angajati(NumeAngajat, PrenumeAngajat, Functie, DataNastere,
DataAngajare, AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon, SalariuBrut)
VALUES ('Georgecu' , 'Zenada' , 'Sales Representative' , '2004-03-07' , '2021-01-01',
'Strada Sportului 8' , 'Bucuresti' , 42, 100004, 3, '0789543788' , 5600)

155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
96 % ▶
Messages
Msg 50000, Level 16, State 0, Procedure tr_ANAJATI_MAJORI, Line 14 [Batch Start Line 168]
NU SE POATE ANGAJA UN MINOR!!

Completion time: 2021-05-12T23:29:27.3626101+03:00

```

-- CREATI UN TRIGGER CARE SA SETEZE ORASUL UNUI ANGAJAT NOU PE BUCURESTI INDIFERENT DE CE SE INTRODUCE

```

IF OBJECT_ID('tr_ANAJATI__SETATJ', 'TR') IS NOT NULL
DROP TRIGGER tr_ANAJATI__SETATJ;
GO
CREATE TRIGGER tr_ANAJATI__SETATJ
ON Angajati
AFTER INSERT
AS
BEGIN

```

```

IF @@ROWCOUNT = 0 RETURN;
SET NOCOUNT ON;
DECLARE @ID_INSERTED INT;
SELECT @ID_INSERTED = Id_Angajat FROM inserted
UPDATE Angajati
SET Oras = 'Bucuresti' WHERE Id_Angajat = @ID_INSERTED
UPDATE Angajati
SET IdJudet = 42 WHERE Id_Angajat = @ID_INSERTED

END

INSERT INTO Angajati(NumeAngajat, PrenumeAngajat, Functie, DataNastere,
DataAngajare, AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon, SalariuBrut)
VALUES ('Ciobanu', 'Jumica', 'Sales Representative', '2001-03-07', '2021-01-01',
'Strada Plai Verde 8', 'VALEA LARGA', 12, 100004, 3, '0789993788', 5600)
SELECT*FROM Angajati

```

The screenshot shows the SQL Server Management Studio interface. In the top pane, there is a code editor with the following SQL script:

```

198     INSERT INTO Angajati(NumeAngajat, PrenumeAngajat, Functie, DataNastere, DataAngajare, AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon, SalariuBrut)
199     VALUES ('Ciobanu', 'Jumica', 'Sales Representative', '2001-03-07', '2021-01-01', 'Strada Plai Verde 8', 'VALEA LARGA', 12, 100004, 3, '0789993788', 5600)
200     SELECT*FROM Angajati
201

```

In the bottom pane, there is a results grid titled "Results" showing the data inserted into the "Angajati" table. The columns are: Id_Angajat, NumeAngajat, PrenumeAngajat, Functie, DataNastere, DataAngajare, AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon, and SalariuBrut. The data is as follows:

	Id_Angajat	NumeAngajat	PrenumeAngajat	Functie	DataNastere	DataAngajare	AdresaDomiciliu	Oras	IdJudet	CodPostal	SefDirect	Telefon	SalariuBrut
6	6	Vasileache	Smaranda	Sales Representative	1999-03-07	2016-08-09	Strada Calea Victoriei	Bucuresti	42	100004	5	0799334566	5900
7	8	Stanescu	Ioanina	President, Sales	1975-05-21	2015-08-09	Strada Fermei 77	Roman	18	109638	NULL	0781426379	12000
8	9	Georgescu	Zenaida	Sales Representative	2000-03-07	2021-01-01	Strada Sportului 8	Bucuresti	42	100004	3	0789543788	5600
9	10	Mihail	Zenada	Sales Representative	2000-03-07	2021-01-01	Strada Sportului 8	Bucuresti	42	100004	3	0789543788	5600
10	35	Ciobanu	Jumica	Sales Representative	2001-03-07	2021-01-01	Strada Plai Verde 8	Bucuresti	42	100004	3	0789993788	5600

--CREATI UN TRIGGER PE TABELA CLIENTI CARE SA VERIFICE CA NUMARUL DE TELEFON INTRODUS ARE EXACT 10 CIFRE

```

IF OBJECT_ID('tr_CLIENTI_TELEFON', 'TR') IS NOT NULL
DROP TRIGGER tr_CLIENTI_TELEFON;
GO
CREATE TRIGGER tr_CLIENTI_TELEFON
ON Clienti
AFTER INSERT, UPDATE
AS
BEGIN
    IF @@ROWCOUNT = 0 RETURN;
    SET NOCOUNT ON;
    DECLARE @TEL NVARCHAR(12)
    SELECT @TEL = Telefon FROM inserted
    IF(
        LEN(@TEL) <> 10
    )
    BEGIN
        THROW 50000, 'NUMARUL DE TELEFON NU ARE 10 CIFRE!!', 0;
    END;

    ELSE
    BEGIN
        INSERT Clienti (NumeClient, PrenumeClient, Adresa, Oras,
IdJudet, Mail, Telefon, DataNastere)

```

```

        SELECT NumeClient, PrenumeClient, Adresa, Oras, IdJudet, Mail,
Telefon, DataNastere FROM INSERTED;
        END

```

```

        INSERT INTO Clienti (NumeClient, PrenumeClient, Adresa, Oras, IdJudet, Mail,
Telefon, DataNastere)
VALUES ('CIOACA' , 'Alexandra' , 'Strada Plaiului 8' , 'Campina' , 31,
'alexandra_buzatoiu@yahoo.com' , '07350507199' , '2000-03-19')

```

The screenshot shows a SQL query being executed in a database environment. The code is identical to the one above, inserting a new row into the 'Clienti' table. The execution progress bar at the bottom indicates 96% completion. The message pane shows a success message: 'Msg 50000, Level 16, State 0, Procedure tr_CLIENTI_TELEFON, Line 14 [Batch Start Line 236] NUMARUL DE TELEFON NU ARE 10 CIFRE!!'. The completion time is listed as 2021-05-12T23:31:00.0337521+03:00.

```

--SA SE CREEZE UN TRIGGER CARE SA EXECUTE IN INTERIORUL SAU PROCEDURA STOCATA MOVE_ITEM,
ASTFEL INCAT, ATUNCI CAND
--UN PRODUS ESTE COMANDAT, SA SCADA NUMARUL DE UNITATI DIN STOCK SI SA CREASCA NUMARUL DE
UNITATI LA COMANDA
IF OBJECT_ID('tr_STOCKS_ORD', 'TR') IS NOT NULL
DROP TRIGGER tr_STOCKS_ORD;
GO
CREATE TRIGGER tr_STOCKS_ORD
ON Facturi
AFTER INSERT, UPDATE
AS
BEGIN
    DECLARE @ID_PRODUS INT
    DECLARE @QUANTITY INT
    DECLARE @ID_COMANDA INT
    DECLARE @IDFACT INT
    SELECT @ID_COMANDA = IdComanda FROM inserted
    SELECT @QUANTITY = Cantitate FROM inserted
    SELECT @ID_PRODUS = IdProdus FROM inserted
    SELECT @IDFACT = IdFactura FROM inserted
    SELECT*FROM Facturi AS F
    INNER JOIN Produse AS P
    ON F.IdProdus=P.Id_Produs
    WHERE F.IdFactura = @IDFACT
    EXEC PS_STOCKS @ID_PRODUS, @QUANTITY
    SELECT*FROM Facturi AS F
    INNER JOIN Produse AS P
    ON F.IdProdus=P.Id_Produs
    WHERE F.IdFactura = @IDFACT
END

```

```
INSERT INTO Facturi(IdComanda, IdProdus, Cantitate, PretUnitar)
```

```
VALUES(4, 1, 7, 300)
```

The screenshot shows the SQL Server Management Studio interface. The code window contains the following SQL:

```
276 | SELECT * FROM facturi
277 | 278 | INSERT INTO Facturi(IdComanda, IdProdus, Cantitate, PretUnitar)
279 | VALUES(4, 1, 7, 300)
280 |
281 |
```

The results pane displays two rows of data from the Facturi table:

	IdFactura	IdComanda	IdProdus	Cantitate	PretUnitar	Id_Produs	DenumireProdus	IdBrand	IdCategorie	PretUnitar	BucatiStock	BucatiReserveCos	BucatiComanda
1	69	4	1	7	300.00	1	Rochie tennis	502	100	80.00	390	40	35
1	69	4	1	7	300.00	1	Rochie tennis	502	100	80.00	383	40	42

```
--CREATI UN TRIGGER CARE SA IMPIEDICE ADAUGAREA IN BAZA DE DATA A UNUI UTILIZATOR
INSTAGRAM CARE NU ARE MINIM 10.000 DE URMARITORI PE INSTAGRAM
IF OBJECT_ID('tr_INFLUENCERI_NEPOPULARI', 'TR') IS NOT NULL
DROP TRIGGER tr_INFLUENCERI_NEPOPULARI;
GO
CREATE TRIGGER tr_INFLUENCERI_NEPOPULARI
ON Influenci
AFTER INSERT, UPDATE
AS
BEGIN
    IF @@ROWCOUNT = 0 RETURN;
    SET NOCOUNT ON;
    DECLARE @FOLLOWERS INT
    SELECT @FOLLOWERS = NumarUrmatoriiInstagram FROM inserted
    IF @FOLLOWERS < 10000
        BEGIN
            THROW 50000, 'UTILIZATORUL INSTAGRAM NU ESTE CONSIDERAT
INFLUENCER DE COMANIA NOASTRA!!', 0;
        END;
    ELSE
        BEGIN
            INSERT INTO Influenci (NumeInfluencer, PrenumeInfluencer,
DataNastere, Adresa, Oras, IdJudet, NumarUrmatoriiInstagram)
            SELECT NumeInfluencer, PrenumeInfluencer, DataNastere, Adresa,
Oras, IdJudet, NumarUrmatoriiInstagram FROM INSERTED
        END;
    END

    INSERT INTO Influenci (NumeInfluencer, PrenumeInfluencer, DataNastere, Adresa,
Oras, IdJudet, NumarUrmatoriiInstagram)
VALUES ('Iacob', 'Sanziana', '1994-10-09', 'Strada Florilor 156B', 'Bucuresti', 42,
6098)
```

The screenshot shows the SQL Server Management Studio interface. The code window contains the following SQL:

```
307 |
308 | INSERT INTO Influenci (NumeInfluencer, PrenumeInfluencer, DataNastere, Adresa, Oras, IdJudet, NumarUrmatoriiInstagram)
309 | VALUES ('Iacob', 'Sanziana', '1994-10-09', 'Strada Florilor 156B', 'Bucuresti', 42, 6098)
```

The results pane displays the message:

```
Msg 50000, Level 16, State 0, Procedure tr_INFLUENCERI_NEPOPULARI, Line 12 [Batch Start Line 307]
UTILIZATORUL INSTAGRAM NU ESTE CONSIDERAT INFLUENCER DE COMANIA NOASTRA!!
```

Completion time: 2021-05-12T23:32:14.6241857+03:00

9. PROCEDURI STOCATE

```
--sa se creeze o procedura stocata care sa returneze suma de bani redusa prin aplicarea codului de reducere unui influencer dat ca parametru
```

```
IF OBJECT_ID('PS_PlataInfluenceri', 'P') IS NOT NULL
    DROP PROC PS_PlataInfluenceri
GO
CREATE PROC PS_PlataInfluenceri
@id_influencer AS int,
@remuneratie AS float OUTPUT
AS
BEGIN
    WITH H AS
        (SELECT SUM(F.PretUnitar) AS VALOARE_COMANDA, C.IdComanda, C.IdCod
         FROM Facturi AS F INNER JOIN Comenzi AS C
         ON F.IdComanda = C.IdComanda
         GROUP BY C.IdComanda, C.IdCod),
    V AS
        (SELECT H.IdComanda, H.VALOARE_COMANDA, COD.ProcentReducere,
        COD.IdInfluencer
         FROM CoduriReducere AS COD INNER JOIN H
         ON COD.IdCod = H.IdCod)
    SELECT SUM(V.VALOARE_COMANDA) * V.ProcentReducere/100 AS REMUNERATIE
    FROM V
    WHERE V.IdInfluencer = @id_influencer
    GROUP BY V.ProcentReducere
    RETURN;
END

DECLARE @rowsreturned AS FLOAT;
EXEC PlataInfluenceri 1,
@rowsreturned OUTPUT;
```

```
26
27     DECLARE @rowsreturned AS FLOAT;
28     EXEC PlataInfluenceri 1,
29     @rowsreturned OUTPUT;
```

96 %

Results Messages

	REMUNERATIE
1	488.85

```
--SA SE CREEZE O PROCEDURA STOCATA CARE SA AFISEZE PRODUSELE CARE AU FOST COMANDATE INTR-O ANUMITA LUNA DATA CA PARAMETRU
IF OBJECT_ID('PS_Produse_Luna', 'P') IS NOT NULL
    DROP PROC PS_Produse_Luna
GO
CREATE PROC PS_Produse_Luna
@luna int
as
select *
from Produse as p inner join Facturi as f
on p.Id_Produs = f.IdProdus
inner join Comenzi as c
on c.IdComanda = f.IdComanda
where MONTH(c.DataPlasare) = @luna
exec PS_Produse_Luna 5
```

The screenshot shows the SSMS interface with the following details:

- Code Area:** Displays the T-SQL code for creating the stored procedure PS_Produse_Luna.
- Status Bar:** Shows "96 %".
- Results Tab:** Contains a table with 11 rows of data, representing products sold in a specific month. The columns include Id_Produs, DenumireProdus, IdBrand, IdCategorie, PretUnitar, BucatiStock, BucatiRezervateCos, BucatiComanda, IdFactura, IdComanda, IdProdus, Cantitate, PretUnitar, IdComanda, and IdArt.

	Id_Produs	DenumireProdus	IdBrand	IdCategorie	PretUnitar	BucatiStock	BucatiRezervateCos	BucatiComanda	IdFactura	IdComanda	IdProdus	Cantitate	PretUnitar	IdComanda	IdArt
1	5	Rochie bretele backless	519	102	1000.00	40	2	10	4	2	5	1	1500.00	2	2
2	9	Palarie Multifunctionala	524	114	20.00	400	100	125	5	2	9	1	120.00	2	2
3	11	Ceas Curea Piele	515	108	100.00	305	100	102	6	2	11	2	400.00	2	2
4	15	Fusta brodată	517	102	100.00	100	60	25	7	2	15	1	600.00	2	2
5	18	Sacou CB Catifea	510	112	200.00	200	40	32	8	3	18	1	999.00	3	6
6	17	Camasa Boss	518	112	120.00	200	60	12	9	3	17	2	500.00	3	6
7	28	Ghetă track	503	100	220.00	100	50	32	10	3	28	1	700.00	3	6
8	9	Palarie Multifunctionala	524	114	20.00	400	100	125	11	4	9	1	120.00	4	2
9	20	Cizme calare	508	105	500.00	50	10	6	12	4	20	1	1699.00	4	2
10	4	Colanti biker scurti	502	100	50.00	200	60	15	16	33	4	1	170.00	33	6
11	5	Rochie bratele backless	519	102	1000.00	40	2	10	17	33	5	1	1700.00	33	6

```
--SA SE CREEZE O PROCEDURA STOCATA CARE SA AFISEZE PROFITUL OBTINUT DE FIRMA INTR-O ANUMITA LUNA DATA CA PARAMETRU
IF OBJECT_ID('PS_PROFIT_LUNA', 'P') IS NOT NULL
    DROP PROC PS_PROFIT_LUNA
GO
CREATE PROC PS_PROFIT_LUNA
@luna int
AS
SELECT SUM(F.PretUnitar - P.PretUnitar - F.PretUnitar * R.ProcentReducere/100) AS PROFIT_PE_LUNA
FROM Facturi AS F INNER JOIN Comenzi AS C
ON F.IdComanda = C.IdComanda
INNER JOIN CoduriReducere AS R
ON R.IdCod = C.IdCod
INNER JOIN Produse AS P
ON P.Id_Produs = F.IdProdus
WHERE MONTH(C.DataPlasare) = @luna
```

```

EXEC PS_PROFIT_LUNA 4

52 CREATE PROC PS_PROFIT_LUNA
53 @luna int
54 AS
55 SELECT SUM(F.PretUnitar - P.PretUnitar - F.PretUnitar *R.ProcentReducere/100) AS PROFIT_PE_LUNA
56 FROM Facturi AS F INNER JOIN Comenzi AS C
57 ON F.IdComanda = C.IdComanda
58 INNER JOIN CoduriReducere AS R
59 ON R.IdCod = C.IdCod
60 INNER JOIN Produse AS P
61 ON P.Id_Produs = F.IdProdus
62 WHERE MONTH(C.DataPlasare) = @luna
63
64 EXEC PS_PROFIT_LUNA 4
65

```

96 %

	PROFIT_PE_LUNA
1	2770.05

```

--SA SE CREEZE O PROCEDURA CARE AFISEAZA ANGAJATII CARE AU PRELUCRAT COMENZI MAI MARI DE
O SUMA DATA CA PARAMETRU
---!!!!!!!!!!!!!!daca nu numesc functiile agregate AS.. NU MERGEEEEEEEEE
IF OBJECT_ID('PS_PRELUCRARE_COMENZI_IN_VALOARE_DE', 'P') IS NOT NULL
    DROP PROC PS_PRELUCRARE_COMENZI_IN_VALOARE_DE
GO
CREATE PROC PS_PRELUCRARE_COMENZI_IN_VALOARE_DE
@suma int
AS
WITH M AS
(SELECT C.IdComanda, SUM(F.PretUnitar) AS SUMA, C.IdAngajatPrelucrare
FROM Comenzi AS C INNER JOIN Facturi AS F
ON C.IdComanda = F.IdComanda
GROUP BY C.IdComanda, C.IdAngajatPrelucrare)
SELECT A.NumeAngajat, A.PrenumeAngajat, M.IdAngajatPrelucrare, M.SUMA
FROM Angajati AS A INNER JOIN M
ON A.Id_Angajat = M.IdAngajatPrelucrare
WHERE M.SUMA > @suma

EXEC PS_PRELUCRARE_COMENZI_IN_VALOARE_DE 2000

```

```

73 | @suma int
74 | AS
75 | WITH M AS
76 | (SELECT C.IdComanda, SUM(F.PretUnitar) AS SUMA, C.IdAngajatPrelucrare
77 | FROM Comenzi AS C INNER JOIN Facturi AS F
78 | ON C.IdComanda = F.IdComanda
79 | GROUP BY C.IdComanda, C.IdAngajatPrelucrare)
80 | SELECT A.NumeAngajat, A.PrenumeAngajat, M.IdAngajatPrelucrare, M.SUMA
81 | FROM Angajati AS A INNER JOIN M
82 | ON A.Id_Angajat = M.IdAngajatPrelucrare
83 | WHERE M.SUMA > @suma
84 |
85 | EXEC PS_PRELUCRARE_COMENZI_IN_VALOARE_DE 2000

```

96 %

Results Messages

	NumeAngajat	PrenumeAngajat	IdAngajatPrelucrare	SUMA
1	Florescu	Catalin	2	2620.00
2	Vasilache	Smaranda	6	2199.00
3	Florescu	Catalin	2	2419.00
4	Dumitriu	Dragos	5	3040.00
5	Popa	Alina	1	4300.00
6	Stanescu	Ioanina	8	2499.00
7	Popa	Alina	1	4599.00
8	Florescu	Catalin	2	3120.00
9	Stanescu	Ioanina	8	5888.00
10	Florescu	Catalin	2	5278.00

```

--CREATI O PROCEDURA STOCATA CARE SA AFISEZE TOTI CURIERII CARE LIVREAZA PE ZONA DE SUD-MUNTENIA
IF OBJECT_ID('PS_CURIERI_SUD_EST', 'P') IS NOT NULL
    DROP PROC PS_CURIERI_SUD_EST
GO
CREATE PROC PS_CURIERI_SUD_EST
AS
BEGIN
with J AS
(SELECT j.IdJudet
FROM Judete AS J
INNER JOIN JudeteRegiuni AS JR
ON J.IdJudet = JR.IdJudet
INNER JOIN Regiuni AS R
ON JR.IdRegiune = R.IdRegiune
WHERE R.NumeRegiune = 'Sud-Muntenia' OR R.NumeRegiune = 'Bucuresti-Ilfov')
SELECT C.NumeCurier, C.PrenumeCurier, C.TelefonCurier, C.OrasLivrare
FROM Curieri AS C
INNER JOIN J
ON C.IdJudetLivrare = J.IdJudet
END

```

```

EXEC PS_CURIERI_SUD_EST
109    END
110
111 EXEC PS_CURIERI_SUD_EST
112

96 %

Results Messages

```

	NumeCurier	PrenumeCurier	TelefonCurier	OrasLivrare
1	Grigoras	Ionel	0765349823	Campina
2	Grigoras	Ionel	0765349823	Campina
3	Nordici	Gigel	0762249823	Videle
4	Dode	Mihail	0761249823	Buftea
5	Mirunescu	Lavinia	0764548823	Iasi
6	Vasiliu	George	0742567891	Bucuresti

--SA SE CREEZE O PROCEDURA STOCATA CARE sa se afiseze intreg lantul de superiori pana la
seful suprem plecand de la un anumit angajat(PARAMETRU)
---!!!!!!procedura stocata cu id dat ca parametru!!!!!

```

IF OBJECT_ID('PS_LANT_SUPERIORI', 'P') IS NOT NULL
    DROP PROC PS_LANT_SUPERIORI
GO
CREATE PROC PS_LANT_SUPERIORI
@id int
AS
BEGIN
    WITH Recursiv AS
    (
        SELECT A.Id_Angajat, A.SefDirect AS ManagerID, A.NumeAngajat,
A.PrenumeAngajat, 0 AS Distance
        FROM Angajati AS A
        WHERE A.Id_Angajat = @id
        UNION ALL
        SELECT M.Id_Angajat, M.SefDirect, M.NumeAngajat, M.PrenumeAngajat,
S.Distance + 1 AS Distance
        FROM Recursiv AS S
        JOIN Angajati AS M
        ON S.ManagerID = M.Id_Angajat
    )
    SELECT Id_Angajat, ManagerID, NumeAngajat, PrenumeAngajat, Distance
    FROM Recursiv;
END

```

```

EXEC PS_LANT_SUPERIORI 3
140
141 EXEC PS_LANT_SUPERIORI 3
96 % ▾ Results Messages

```

	Id_Angajat	ManagerID	NumeAngajat	PrenumeAngajat	Distance
1	3	8	Enache	Diandra	0
2	8	NULL	Stanescu	Ioanina	1

--CREATI O PROCEDURA STOCATA CARE SA AFISEZE CAT PLATESTE COMPANIA STATULUI PRIN FIECARE IMPOZIT DAT

```

IF OBJECT_ID('PS_IMPOZITE', 'P') IS NOT NULL
    DROP PROC PS_IMPOZITE
GO
CREATE PROC PS_IMPOZITE AS
    SELECT I.IdImpozit, I.NumeImpozit, I.ProcentImpozit,
    SUM(A.SalariuBrut*I.ProcentImpozit/100) AS Valoare_Contributie_Lunara
    FROM Impozite AS I
    INNER JOIN ImpoziteAngajati AS IA
    ON I.IdImpozit = IA.IdImpozit
    INNER JOIN Angajati AS A
    ON A.Id_Angajat = IA.IdAngajat
    GROUP BY I.IdImpozit, I.NumeImpozit, I.ProcentImpozit

    EXEC PS_IMPOZITE

146 IF OBJECT_ID('PS_IMPOZITE', 'P') IS NOT NULL
147     DROP PROC PS_IMPOZITE
148 GO
149 CREATE PROC PS_IMPOZITE AS
150     SELECT I.IdImpozit, I.NumeImpozit, I.ProcentImpozit, SUM(A.SalariuBrut*I.ProcentImpozit/100) AS Valoare_Contributie_Lunara
151     FROM Impozite AS I
152     INNER JOIN ImpoziteAngajati AS IA
153     ON I.IdImpozit = IA.IdImpozit
154     INNER JOIN Angajati AS A
155     ON A.Id_Angajat = IA.IdAngajat
156     GROUP BY I.IdImpozit, I.NumeImpozit, I.ProcentImpozit
157
158 EXEC PS_IMPOZITE
159

```

```

96 % ▾ Results Messages

```

	IdImpozit	NumeImpozit	ProcentImpozit	Valoare_Contributie_Lunara
1	1	CAS	25	13387.5
2	2	CASS	10	5355
3	3	Impozit pe venit	10	5355

--Creati o procedura stocata care sa afiseze clientii care au cumparat produse de la un anumit brand dat ca parametru SI DATA ACHIZITIEI

```

IF OBJECT_ID('PS_Brand', 'P') IS NOT NULL
    DROP PROC PS_Brand
GO
CREATE PROC PS_Brand
@brand nvarchar(30)
AS
SELECT C.NumeClient, C.PrenumeClient, O.DataPlasare
FROM Clienti AS C
INNER JOIN Comenzi AS O
ON C.IdClient = O.IdClient
INNER JOIN Facturi AS F
ON F.IdComanda = O.IdComanda
INNER JOIN Produse AS P
ON P.Id_Produs = F.IdProdus
INNER JOIN Branduri AS B
ON B.IdBrand = P.IdBrand
WHERE B.NumeBrand LIKE @brand

EXEC PS_Brand 'Adidas'

```

The screenshot shows the SQL Server Management Studio interface. On the left, there is a vertical toolbar with numbers 181, 182, 183, and 184. Below it, a progress bar indicates 96%. The main area has tabs for 'Results' and 'Messages'. The 'Results' tab is selected and displays a table with four columns: NumeClient, PrenumeClient, and DataPlasare. There are two rows of data:

	NumeClient	PrenumeClient	DataPlasare
1	Nanu	Viviana	2021-01-20
2	Crampita	Claudiu	2021-02-21

--CREATI O PROCEDURA STOCATA CARE SA RETURNEZE NUMARUL CURIERILOR CARE AU LIVRAT COMENZI UNUI ANUME CLIENT AL CARUI ID E DAT CA PARAMETRU
--NUMELE CURIERILOR TREBUIE SA SE TERMINE IN u SAU a

```

IF OBJECT_ID('PS_Nr_Curieri', 'P') IS NOT NULL
    DROP PROC PS_Nr_Curieri
GO
CREATE PROC PS_Nr_Curieri

@client AS int,
@numar int = 0 OUTPUT
AS
BEGIN
    SELECT COUNT(DISTINCT(O.IdCurier)) AS NUMAR_CURIERI
    FROM Curieri AS C

```

```

        INNER JOIN Comenzi AS O
        ON C.IdCurier = O.IdCurier
        INNER JOIN Clienti AS L
        ON L.IdClient = O.IdClient
        WHERE O.IdClient = @client

    RETURN
END

DECLARE @REZ AS INT = 0
EXEC PS_Nr_Curieri 2, @REZ OUTPUT

```

The screenshot shows the execution of a stored procedure named PS_Nr_Curieri with parameter 2. The results pane displays a table with one row, labeled 'NUMAR_CURIERI'.

	NUMAR_CURIERI
1	2

```

--SA SE REALIZEZE O PROCEDURA STOCATA CARE SA AFISEZE TOTI CLIENTII MINORI
IF OBJECT_ID('PS_CLIENTI_MINORI', 'P') IS NOT NULL
    DROP PROC PS_CLIENTI_MINORI
GO
CREATE PROC PS_CLIENTI_MINORI
AS
    SELECT*
    FROM Clienti AS C
    WHERE DATEDIFF(YEAR, C.DataNastere, GETDATE()) < 18

212 --SA SE REALIZEZE O PROCEDURA STOCATA CARE SA AFISEZE TOTI CLIENTII MINORI
213 IF OBJECT_ID('PS_CLIENTI_MINORI', 'P') IS NOT NULL
214     DROP PROC PS_CLIENTI_MINORI
215 GO
216 CREATE PROC PS_CLIENTI_MINORI
217 AS
218     SELECT*
219     FROM Clienti AS C
220     WHERE DATEDIFF(YEAR, C.DataNastere, GETDATE()) < 18
221
222 EXEC PS_CLIENTI_MINORI
223
224
225

```

The screenshot shows the execution of a stored procedure named PS_CLIENTI_MINORI. The results pane displays a table with three rows of client information.

	IdClient	NumeClient	PrenumeClient	Adresa	Oras	IdJudet	Mail	Telefon	DataNastere
1	18	Micu	Judelle	Strada Farin 92	Targoviste	16	jodelle_m@gmail.com	0789345612	2004-01-04
2	19	Mihalache	Mihail	Strada Malaieshti 27	Vidale	36	mih.mih@gmail.com	0789453627	2004-12-09
3	21	Radu	Ilinca	Strada Teodorovici 67	Resita	11	rl_il@gmail.com	0724567908	2008-01-31

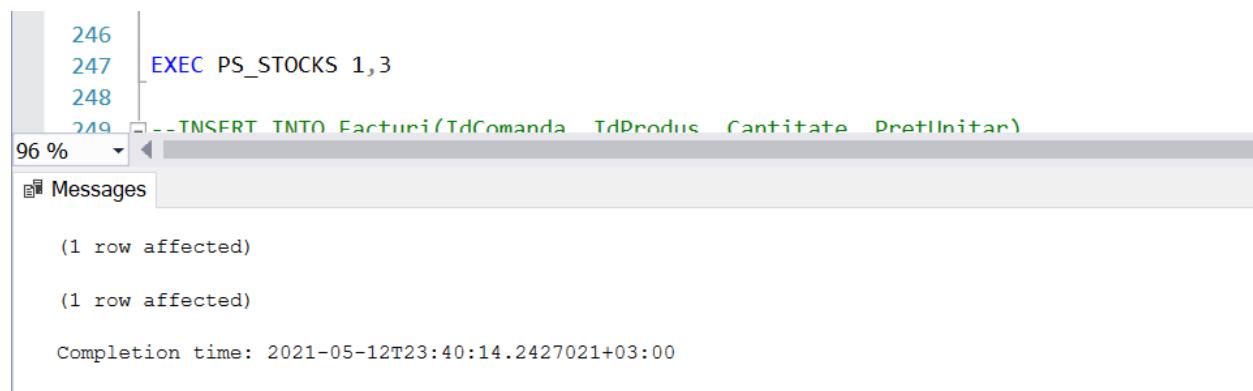
```

--SA SE CREEZE O PROCEDURA STOCATA CARE SA UPDATEZE STOCURILE DINTR-UN PRODUS ATUNCI CAND
ACESTA ESTE FACTURAT
IF OBJECT_ID('PS_STOCKS', 'P') IS NOT NULL
    DROP PROC PS_STOCKS
GO
CREATE PROC PS_STOCKS
    @IdProdus int,
    @Quantity int
AS
BEGIN
    UPDATE Produse
    SET
        BucatiStock -= @Quantity
    WHERE Id_Produs = @IdProdus
    UPDATE Produse
    SET
        BucatiComanda += @Quantity
    WHERE Id_Produs = @IdProdus
END

EXEC PS_STOCKS 1,3

```

--INSERT INTO Facturi(IdComanda, IdProdus, Cantitate, PretUnitar)
--VALUES



The screenshot shows a SQL query window with the following details:

- Code Area:**
 - Line 246: `246 EXEC PS_STOCKS 1,3`
 - Line 247: `247 --TNSFRT TNTO Facturi(IdComanda IdProdus Cantitate PretUnitar)`
 - Line 248: `248`
 - Line 249: `249`
- Status Bar:** Shows "96 %".
- Messages Tab:** Contains the following output:
 - (1 row affected)
 - (1 row affected)
 - Completion time: 2021-05-12T23:40:14.2427021+03:00

10. INSERT, DELETE, UPDATE

INSERT

```
INSERT INTO Clienti (NumeClient, PrenumeClient, Adresa, Oras, IdJudet, Mail, Telefon, DataNastere)
VALUES ('Buzatoiu', 'Alexandra', 'Strada Plaiului 8', 'Campina', 31, 'alexandra_buzatoiu@yahoo.com',
'0735057199', '2000-03-19')

SELECT* FROM Clienti
```

```
UPDATE Clienti
SET DataNastere = '2000-03-19'
WHERE PrenumeClient = 'Alexandra'
```

```
INSERT INTO Angajati(NumeAngajat, PrenumeAngajat, Functie, DataNastere, DataAngajare,
AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon, SalariuBrut)
VALUES ('Georgescu', 'Zenaida', 'Sales Representative', '2000-03-07', '2021-01-01', 'Strada Sportului 8',
'Bucuresti', 42, 100004, 3, '0789543788', 5600)

SELECT * FROM Angajati
```

```
INSERT INTO Branduri (NumeBrand, Oras, Tara, PersoanaContact, TelefonContact)
VALUES ('Prada', 'Milano', 'Italia', 'Mario Bianco', '0789653249')

SELECT* FROM Branduri
```

```
INSERT INTO CategoriiProduse (NumeCategorie, DescriereCategorie)
Values ('Palarii', 'Un chapeau sur un chameau')

SELECT * FROM CategoriiProduse
```

```
INSERT INTO Influenceri (NumeInfluencer, PrenumeInfluencer, DataNastere, Adresa, Oras, IdJudet,
NumarUrmatorInstagram)
```

```
VALUES ('Grama' , 'Ioana' , '1995-05-02' , 'Strada Cetatii 8' , 'Cluj' , 13, 364000)
```

```
SELECT* FROM Influenceri
```

```
INSERT INTO CoduriReducere (IdInfluencer, ProcentReducere, DataIntrare, DataSfarsit)
```

```
VALUES (1, 15, '2021-05-10', '2021-05-12')
```

```
SELECT* FROM CoduriReducere
```

```
INSERT INTO Produse (DenumireProdus, IdBrand, IdCategorie, PretUnitar, BucatiStock,  
BucatiRezervateCos, BucatiComanda)
```

```
VALUES ('Rochie tennis', 502, 100, 80, 400, 40, 25)
```

```
SELECT*FROM Produse
```

```
INSERT INTO Produse (DenumireProdus, IdBrand, IdCategorie, PretUnitar, BucatiStock,  
BucatiRezervateCos, BucatiComanda)
```

```
VALUES ('Colanti biker scurti', 502, 100, 50, 200, 60, 15),
```

```
    ('Rochie bretele backless', 519, 102, 1000, 40, 2, 10),
```

```
    ('Sutien corset costum baie', 507, 103, 65, 100, 23, 19)
```

```
SELECT*FROM Produse
```

```
INSERT INTO FirmeCurierat (NumeFirma, AdresaSediu, OrasSediu, IdJudetSediu, TelefonSediu)
```

```
VALUES ('Fan Curier' , 'Strada Take Ionescu 5' , 'Arad' , 2 , '0244374298'),
```

```
    ('Urgent Cargus' , 'Strada Polona 12' , 'Medias' , 28 , '0244333032'),
```

```
    ('Nemo Express' , 'Strada Ioaninei 312' , 'Bucuresti' , 42 , '0244356897')
```

```
SELECT* FROM FirmeCurierat
```

```
INSERT INTO Curieri (NumeCurier, PrenumeCurier, IdFirmaCurierat, OrasLivrare, IdJudetLivrare,  
TelefonCurier)
```

```
VALUES ('Apreotesei' , 'Alin' , 1 , 'Buzau' , 10 , '0742567890'),
```

```
    ('Dascalescu' , 'Paulica' , 2 , 'Focsani' , 41 , '0765349876')
```

```
SELECT* FROM Curieri
```

```
INSERT INTO Curieri (NumeCurier, PrenumeCurier, IdFirmaCurierat, OrasLivrare, IdJudetLivrare, TelefonCurier)
```

```
VALUES ('Vasiliu', 'George', 3, 'Bucuresti', 42, '0742567891'),  
       ('Grigoras', 'Ionel', 2, 'Campina', 31, '0765349823'),  
       ('Cretulescu', 'Darius', 1, 'Cluj-Napoca', 13, '0765349578'),  
       ('Ioanide', 'Quentin', 1, 'Arad', 2, '0775349823'),  
       ('Cubini', 'Dorian', 2, 'Braila', 9, '0765349773'),  
       ('Sumedrea', 'Sorin', 3, 'Vaslui', 39, '0766349823'),  
       ('Juncu', 'Petre', 2, 'Tulcea', 38, '0765349823'),  
       ('Nae', 'Niculae', 2, 'Timisoara', 37, '0765349123'),  
       ('Grigoras', 'Ionel', 2, 'Campina', 31, '0765349823'),  
       ('Nordici', 'Gigel', 2, 'Vidale', 36, '0762249823'),  
       ('Ciucas', 'Alin', 2, 'Orsova', 27, '0765879823'),  
       ('Varbilau', 'Cristi', 2, 'Breb', 26, '0769849823'),  
       ('Dode', 'Mihail', 2, 'Buftea', 25, '0761249823'),  
       ('Ciucas', 'Alin', 2, 'Orsova', 27, '07785349823'),  
       ('Mirunescu', 'Lavinia', 2, 'Iasi', 25, '0764548823'),  
       ('Sucarov', 'Corina', 2, 'Deva', 22, '0765359823'),  
       ('Dimache', 'Silviu', 2, 'Resita', 11, '0765349823'),  
       ('Simuleac', 'Ion', 2, 'Botosani', 7, '0709349823')
```

```
SELECT* FROM Curieri
```

```
SELECT*FROM Comenzi  
  
INSERT INTO Comenzi(IdAngajatPrelucrare, IdClient, DataPlasare, DataLimita, IdCurier, AdresaLivrare,  
OrasLivrare,IdJudetLivrare, IdCod)  
  
VALUES (2, 1, '2021-04-20' , '2021-04-30', 2, 'Strada Principala 17', 'Joia Mare', 2, 1)
```

```
INSERT INTO Facturi(IdComanda, IdProdus, Cantitate, PretUnitar)  
  
VALUES(1, 4, 2, 140),  
  
(1, 1, 1, 130),  
  
(1, 6, 1, 259)
```

```
SELECT*FROM Facturi
```

```
INSERT INTO Impozite(NumeImpozit, ProcentImpozit)  
  
VALUES ('CAS', 25),  
  
('CASS', 10),  
  
('Impozit pe venit', 10)
```

```
SELECT* FROM Impozite
```

```
INSERT INTO ImpoziteAngajati(IdImpozit, IdAngajat)  
  
VALUES(1,1),(1,2),(1,3),(1,4),(1,5),(1,6),(1,8),(1,9),(2,1),(2,2),(2,3),(2,4),(2,5),(2,6),(2,8),(2,9),  
(3,1),(3,2),(3,3),(3,4),(3,5),(3,6),(3,8),(3,9)  
  
SELECT* FROM ImpoziteAngajati
```

```
INSERT INTO Clienti (NumeClient, PrenumeClient, Adresa, Oras, IdJudet, Mail, Telefon, DataNastere)  
  
VALUES ('Preoteasa' , 'Cristiana' , 'Strada Oituz 12' , 'Arad' , 2, 'preo_cris@gmail.com', '0723456122' ,  
'1999-06-05'),  
  
('Margaritoiu' , 'Luca' , 'Strada Cisnadie 142' , 'Sibiu' , 34, 'luca_margaritoiu@gmail.com',  
'0767890543' , '1993-10-29'),  
  
('Duran' , 'Dominic' , 'Strada Take Ionescu 1' , 'Sinaia' , 31, 'diminiq_duran@gmail.com',  
'0790897867' , '2001-07-17'),
```

('Rauta' , 'Ioana' , 'Strada Maramuresului 8' , 'Campina' , 31, 'ioa_rea@gmail.com',
'0749494949' , '2000-10-19'),

('Biris' , 'Diana' , 'Strada Turnatoriei 15A' , 'Campina' , 31, 'biris_diana@yahoo.com',
'0745672314' , '2000-05-08'),

('Maier' , 'Laura' , 'Strada Stejar Verde 22' , 'Deva' , 22, 'laura_maier@yahoo.com',
'0711111113' , '1998-11-14'),

('Cristache' , 'Bianca' , 'Strada Marasesti 126' , 'Cluj-Napoca' , 13, 'bibi_cris@gmail.com',
'0729292929' , '2002-08-02'),

('Coman' , 'Antonia' , 'Strada Republicii 25' , 'Vaslui' , 39, 'coman_anto9@yahoo.com',
'0767890954' , '2001-02-09'),

('Sambotin' , 'Vlad' , 'Strada Panseluta 78' , 'Foscani' , 41, 'olimpic_bio@gmail.com',
'0789542678' , '1998-11-04'),

('Popescu' , 'Raul' , 'Strada Creanga de Alun 14B' , 'Satu Mare' , 32,
'super_raul@yahoo.com' , '0723456122' , '1999-06-05'),

('Costovici' , 'Milena' , 'Strada Siriu 2A' , 'Nehoiu' , 10, 'inna_tenis@gmail.com',
'0720050607' , '1999-09-17'),

('Brezeanu' , 'Ana' , 'Strada Crima Rece 73' , 'Baia Mare' , 26, 'ana.brezi@gmail.com',
'0723456122' , '2000-08-16'),

('Nanu' , 'Alexandra' , 'Strada Docentilor 33' , 'Buftea' , 25, 'nanu_ursulet@yahoo.com',
'0767890954' , '2000-03-15'),

('Crampita' , 'Claudiu' , 'Strada 1 Mai 7' , 'Drobeta Turnu-Severin' , 27,
'clau_andrei@gmail.com' , '0720345612' , '2000-04-28'),

('Visoiu' , 'Alexia' , 'Strada Pana Filipescu 53' , 'Sfantu Gheorghe' , 15,
'ally_visoiu@gmail.com' , '0756432189' , '2001-02-17'),

('Micu' , 'Judelle' , 'Strada Farin 92' , 'Targoviste' , 16, 'jodelle_m@gmail.com',
'0789345612' , '2004-01-04'),

('Mihalache' , 'Mihail' , 'Strada Malaiesti 27' , 'Videle' , 36, 'mih.mih@gmail.com',
'0789453627' , '2004-12-09'),

('Radu' , 'Petrica' , 'Strada Arinului 12' , 'Murighiol' , 38, 'numatindecvant@gmail.com',
'0789674534' , '2001-12-20'),

('Radu' , 'Ilinca' , 'Strada Teodorovici 67' , 'Resita' , 11, 'rli_ilii@gmail.com' , '0724567908',
'2008-01-31'),

('Buzatoiu' , 'Elena' , 'Strada Mihai-Voda 108C' , 'Roman' , 9, 'simona_elena@gmail.com',
'0724034789' , '1972-05-21')

```

INSERT INTO Influenceri (NumeInfluencer, PrenumeInfluencer, DataNastere, Adresa, Oras, IdJudet,
NumarUrmatorulInstagram)
VALUES ('Iacob', 'Sanziana', '1994-10-09', 'Strada Florilor 156B', 'Bucuresti', 42, 256098),
       ('Giurcanu', 'Laura', '1996-01-02', 'Strada Cristal 20B', 'Bucuresti', 42, 889765),
       ('Negru', 'Sanziana', '1987-04-12', 'Strada Saniuta 54', 'Bucuresti', 42, 300876),
       ('Ich', 'Cristina', '1990-07-21', 'Strada Piturca 23', 'Bucuresti', 42, 1000289),
       ('Dascalu', 'Anya', '2001-10-16', 'Strada Baba-Novac 8', 'Bucuresti', 42, 102345),
       ('Alexe', 'Diana', '2000-07-04', 'Strada Principala 3', 'Banesti', 31, 56831),
       ('Anghel', 'Daiana', '1973-12-22', 'Strada Sforii 34A', 'Brasov', 8, 202678),
       ('Iacob', 'Sanziana', '1994-10-09', 'Strada Florilor 156B', 'Bucuresti', 42, 256098),
       ('Cristina', 'Stefania', '1996-02-23', 'Bulevardul Primaverii 134', 'Bucuresti', 42,
1345908),
       ('Irina', 'Deaconescu', '1997-10-09', 'Strada Laleaua Mica 2', 'Iasi', 24, 1000987),
       ('Ceusan', 'Alina', '1989-10-09', 'Strada Matei Voda 78', 'Cluj-Napoca', 13, 956098),
       ('Grebénisan', 'Carmen', '1992-10-09', 'Strada Primariei 15', 'Otopeni', 25, 686098),
       ('Pestritu', 'Adelina', '1988-03-31', 'Strada Berceni 3A', 'Bucuresti', 42, 1789006),
       ('Morodan', 'Ana', '1985-08-12', 'Strada Calea Mosilor 87', 'Bucuresti', 42, 426789),
       ('Iacob', 'Sanziana', '1994-10-09', 'Strada Florilor 156B', 'Bucuresti', 42, 256098),
       ('Ramascanu', 'Ana-Elena', '1995-06-18', 'Strada Emil Racovita 16', 'Iasi', 24, 66245)

```

SELECT* FROM Clienti

```

INSERT INTO CoduriReducere (IdInfluencer, ProcentReducere, DataIntrare, DataSfarsit)
VALUES
    (2, 15, '2021-05-10', '2021-05-12'),
    (3, 15, '2021-05-10', '2021-05-12'),
    (4, 15, '2021-05-10', '2021-05-12'),
    (5, 15, '2021-05-10', '2021-05-12'),
    (6, 15, '2021-05-10', '2021-05-12'),
    (7, 25, '2021-05-10', '2021-05-12'),
    (8, 15, '2021-05-10', '2021-05-12'),
    (9, 15, '2021-05-10', '2021-05-12'),
    (10, 15, '2021-05-10', '2021-05-12'),
    (11, 15, '2021-05-10', '2021-05-12'),
    (12, 15, '2021-05-10', '2021-05-12'),
    (13, 15, '2021-05-10', '2021-05-12'),
    (14, 15, '2021-05-10', '2021-05-12'),
    (15, 15, '2021-05-10', '2021-05-12'),
    (16, 15, '2021-05-10', '2021-05-12'),
    (17, 25, '2021-05-10', '2021-05-12')

```

SELECT* FROM CoduriReducere

select*from Influenci

```

INSERT INTO Produse (DenumireProdus, IdBrand, IdCategorie, PretUnitar, BucatiStock,
BucatiRezervateCos, BucatiComanda)
VALUES ('Sandale barete', 525, 102, 1600, 100, 29, 13),
       ('Rochie backless', 523, 101, 700, 39, 12, 9),
       ('Palarie Multifunctionala', 524, 114, 20, 400, 100, 125),
       ('Blugi Rupti Spate', 522, 104, 75, 200, 65, 43),

```

('Ceas Curea Piele', 515, 108, 100, 305, 100, 102),
('Ceas inchidere surub', 519, 108, 400, 50, 40, 4),
('Adidas casual', 520, 101, 159, 250, 40, 25),
('Adidas upperheel', 516, 100, 210, 600, 400, 100),
('Fusta brodata', 517, 102, 100, 100, 60, 25),
('Tricou decolteu V', 514, 101, 30, 300, 90, 87),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Sacou CB Catifea', 510, 112, 200, 200, 40, 32),
('Geanta Plic', 512, 105, 400, 100, 20, 9),
('Cizme calarie', 508, 105, 500, 50, 10, 6),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Jacheta blugi', 509, 104, 220, 200, 180, 10),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Bocanci alpinist', 504, 100, 600, 100, 10, 62),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Blugi Scarlett', 506, 104, 120, 200, 60, 12),
('Tricou guler', 507, 101, 90, 200, 60, 12),
('Ghete track', 503, 100, 220, 100, 50, 32),
('Costum monkey bikini', 511, 103, 300, 50, 30, 3),
('Body dantela', 510, 111, 80, 310, 100, 105),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Sacou cambrat dama', 513, 109, 500, 30, 6, 5),
('Salopeta kangaroo', 500, 106, 140, 100, 70, 5),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Air Jordan 10 mini', 500, 107, 80, 200, 40, 122),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Pantaloni lowwaist men', 524, 113, 790, 200, 160, 82),
('Camasa Boss', 518, 112, 120, 200, 60, 12),
('Halat pufos flagship', 523, 110, 700, 20, 2, 14)

```
INSERT INTO Clienti (NumeClient, PrenumeClient, Adresa, Oras, IdJudet, Mail, Telefon, DataNastere)
VALUES ('Chirila' , 'Tudor' , 'Strada Martisor 87' , 'Bucuresti' , 42, 'vama_veche@gmail.com',
'0741234567' , '1987-03-19')
SELECT* FROM Clienti
```

```
INSERT INTO Comenzi(IdAngajatPrelucrare, IdClient, DataPlasare, DataLimita, IdCurier, AdresaLivrare,
OrasLivrare,IdJudetLivrare, IdCod)
VALUES (2, 2, '2021-05-20' , '2021-05-30', 2, 'Strada Oaste 17', 'Dimieni', 2, 1),
(6, 4, '2021-05-21' , '2021-05-30', 3, 'Strada Vanatori 115', 'Sibiu', 34, 5),
(2, 6, '2021-05-01' , '2021-05-15', 1, 'Strada Maramuresului 8', 'Campina', 31, 13)
```

```
select*from Clienti
```

```
INSERT INTO Comenzi(IdAngajatPrelucrare, IdClient, DataPlasare, DataLimita, IdCurier, AdresaLivrare,
OrasLivrare,IdJudetLivrare, IdCod)
VALUES (5, 20, '2021-03-19' , '2021-03-30', 2, 'Strada Vianu 90', 'Alba-Iulia', 1 , 2)
INSERT INTO Comenzi(IdAngajatPrelucrare, IdClient, DataPlasare, DataLimita, IdCurier, AdresaLivrare,
OrasLivrare,IdJudetLivrare, IdCod)
VALUES
(6, 1, '2021-05-21' , '2021-05-30', 3, 'Strada Sunatoare 115', 'Arad', 2, 5),
(1, 2, '2021-04-01' , '2021-04-15', 1, 'Strada Musetel 8', 'Pitesti', 3, 3),
(2, 3, '2021-01-20' , '2021-01-30', 2, 'Strada Tei 17', 'Bacau', 4, 4)
INSERT INTO Comenzi(IdAngajatPrelucrare, IdClient, DataPlasare, DataLimita, IdCurier,
AdresaLivrare, OrasLivrare,IdJudetLivrare, IdCod)
VALUES
(3, 4, '2021-02-21' , '2021-02-28', 3, 'Strada Soricel 115', 'Oradea', 5, 5),
```

(4, 5, '2021-03-01', '2021-03-15', 4, 'Strada Paducel 8', 'Botosani', 7, 6),
(5, 6, '2021-04-20', '2021-04-30', 5, 'Strada Lalea 17', 'Brasov', 8, 7),
(6, 7, '2021-05-21', '2021-05-30', 6, 'Strada Coada Calului 115', 'Buzau', 10, 8),
(8, 8, '2021-06-01', '2021-06-15', 7, 'Strada Rodie 8', 'Resita', 11, 9),
(9, 9, '2021-01-20', '2021-01-30', 8, 'Strada Zmeura 17', 'Calarasi', 12, 10),
(1, 10, '2021-02-21', '2021-02-28', 9, 'Strada Mure 115', 'Cluj', 13, 11),
(2, 11, '2021-03-01', '2021-03-15', 10, 'Strada Afile 8', 'Constanta', 14, 12),
(3, 12, '2021-04-20', '2021-04-30', 11, 'Strada Capsuni 17', 'Sfantu Gheorghe', 15, 13),
(4, 13, '2021-05-21', '2021-05-30', 12, 'Strada Portocale 115', 'Targoviste', 16, 14),
(5, 14, '2021-06-01', '2021-06-15', 13, 'Strada Zdrobitoare 8', 'Hateg', 22, 15),
(6, 15, '2021-01-20', '2021-01-30', 14, 'Strada Fainosag 17', 'Iasi', 24, 16),
(8, 16, '2021-02-21', '2021-02-28', 15, 'Strada Lubenita 115', 'Buftea', 25, 17),
(2, 17, '2021-03-01', '2021-03-15', 16, 'Strada Barabule 8', 'Baia-Mare', 26, 1),
(5, 18, '2021-04-01', '2021-04-15', 17, 'Strada Ciupercuta 8', 'Piatra Neamt', 29, 2),
(6, 19, '2021-05-20', '2021-05-30', 18, 'Strada Lady Dimitrescu 17', 'Sibiu', 34, 3),
(8, 22, '2021-06-21', '2021-06-30', 19, 'Strada Corset 115', 'Sibiu', 34, 4),
(2, 21, '2021-01-01', '2021-01-15', 20, 'Strada Walking Dead 8', 'Timisoara', 37, 5)

SELECT*FROM Comenzi

SELECT*FROM Produse

select*from Comenzi

INSERT INTO Facturi(IdComanda, IdProdus, Cantitate, PretUnitar)

VALUES(2, 5, 1, 1500),

(2, 9, 1, 120),

(2, 11, 2, 400),

(2, 15, 1, 600),

(3, 18, 1, 999),

(3,17, 2, 500),

(3, 28, 1, 700),

(4, 9, 1, 120),

(4,20, 1, 1699)

INSERT INTO Facturi(IdComanda, IdProdus, Cantitate, PretUnitar)

VALUES(20, 1, 3, 220),

(20, 5, 1, 120),

(20,7, 2, 2700),

(33, 4, 1, 170),

(33, 5, 1, 1799),

(34,6, 2, 300),

(34, 7, 1, 2800),

(34, 8, 1, 1200),

(35,9, 1, 169),

(35, 10, 1, 500),

(68,11, 1, 920),

(69,12, 2, 400),

(69, 13, 1, 600),

(70, 14, 1, 999),

(70,15, 2, 650),

(70, 16, 1, 130),

(71, 17, 1, 350),

(71,18, 1, 789),

(72, 19, 1, 1100),

(72, 20, 1, 1399),

(73,21, 2, 400),

(74, 22, 1, 600),

(74, 23, 1,3999),
(75,24, 2, 2500),
(75, 25, 1, 500),
(75, 26, 1, 120),
(76,27, 1, 199),
(77, 28, 1, 450),
(77, 29, 1, 820),
(78,30, 2, 130),
(79, 31, 1, 290),
(79, 32, 1, 998),
(79,33, 2, 500),
(80, 34, 1, 300),
(80, 35, 1, 215),
(80,36, 1, 405),
(80, 37, 1, 1205),
(80, 38, 1, 456),
(80,39, 2, 3099),
(80, 10, 1, 208),
(81, 12, 1, 110),
(82,17, 2, 320),
(83, 28, 1, 500),
(83, 9, 1, 155),
(83,13, 1, 389),
(84, 15, 1, 100),
(84, 19, 1, 350),
(84,17, 2, 119),
(85, 15, 1, 600),
(85, 28, 1, 500),
(85,7, 2, 220),

(85, 38, 1, 400),
(85, 39, 1, 3099),
(85, 22, 1, 459)

```
INSERT INTO Facturi(IdComanda, IdProdus, Cantitate, PretUnitar)
VALUES(1, 4, 2, 140),
      (1, 1, 1, 130),
      (1, 6, 1, 259)

SELECT*FROM Facturi
```

UPDATE

```
--SA SE ADAUGE UN DISCOUNT DE 12% TUTROR CLIENTILOR DIN ZONA DE Nord-Est a tarii

BEGIN TRAN
    UPDATE CoduriReducere
    SET ProcentReducere +=12
    FROM Clienti AS C INNER JOIN COMENZI AS CO
    ON CO.IdClient = C.IdClient
    INNER JOIN CoduriReducere AS F
    ON F.IdCod = CO.IdCod
    INNER JOIN JudeteRegiuni AS JR
    ON JR.IdJudet = C.IdJudet
    INNER JOIN Regiuni AS R
    ON R.IdRegiune = JR.IdRegiune
    WHERE R.NumeRegiune = 'Nord-Est'

    SELECT F.ProcentReducere
    FROM Clienti AS C INNER JOIN COMENZI AS CO
    ON CO.IdClient = C.IdClient
    INNER JOIN CoduriReducere AS F
    ON F.IdCod = CO.IdCod
    INNER JOIN JudeteRegiuni AS JR
    ON JR.IdJudet = C.IdJudet
    INNER JOIN Regiuni AS R
    ON R.IdRegiune = JR.IdRegiune
    WHERE R.NumeRegiune = 'Nord-Est'
ROLLBACK
```

```

1  --SA SE ADAUGE UN DISCOUNT DE 12% TUTROR CLIENTILOR DIN ZONA DE Nord-Est a tarii
2
3  BEGIN TRAN
4  UPDATE CoduriReducere
5  SET ProcentReducere +=12
6  FROM Clienti AS C INNER JOIN COMENZI AS CO
7  ON CO.IdClient = C.IdClient
8  INNER JOIN CoduriReducere AS F
9  ON F.IdCod = CO.IdCod
10 INNER JOIN JudeteRegiuni AS JR
11 ON JR.IdJudet = C.IdJudet
12 INNER JOIN Regiuni AS R
13 ON R.IdRegiune = JR.IdRegiune
14 WHERE R.NumeRegiune = 'Nord-Est'
15
16 SELECT F.ProcentReducere
17 FROM Clienti AS C INNER JOIN COMENZI AS CO
18 ON CO.IdClient = C.IdClient
19 INNER JOIN CoduriReducere AS F
20 ON F.IdCod = CO.IdCod
21 INNER JOIN JudeteRegiuni AS JR
22 ON JR.IdJudet = C.IdJudet
23 INNER JOIN Regiuni AS R
24 ON R.TdRegiune = JR.TdRegiune

```

Results Messages

ProcentReducere
27

--SA SE MODIFICE FUNCTIA ANGAJATilor CARE Au PRELUCRAT COMENZI CARE S-AU INDREPTAT SPRE JUDETUL PRAHOVA IN MANAGER

```

BEGIN TRAN
    UPDATE A
    SET A.Functie = 'Manager'
    FROM Angajati AS A INNER JOIN Comenzi AS C
    ON A.Id_Angajat = C.IdAngajatPrelucrare
    INNER JOIN Judete AS J ON J.IdJudet = C.IdJudetLivrare
    WHERE J.NumeJudet = 'Prahova'

    SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, A.Functie
    FROM Angajati AS A INNER JOIN Comenzi AS C
    ON A.Id_Angajat = C.IdAngajatPrelucrare
    INNER JOIN Judete AS J ON J.IdJudet = C.IdJudetLivrare
    WHERE J.NumeJudet = 'Prahova'
ROLLBACK

```

```

34 --SA SE MODIFICE FUNCTIA ANGAJATILOR CARE AU PRELUCRAT COMENZI CARE S-AU INDREPTAT SPRE JUDETUL PRAHOVA IN MANAGER
35
36
37 BEGIN TRAN
38 UPDATE A
39 SET A.Functie = 'Manager'
40 FROM Angajati AS A INNER JOIN Comenzi AS C
41 ON A.Id_Angajat = C.IdAngajatPrelucrare
42 INNER JOIN Judete AS J ON J.IdJudet = C.IdJudetLivrare
43 WHERE J.NumeJudet = 'Prahova'
44
45 SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, A.Functie
46 FROM Angajati AS A INNER JOIN Comenzi AS C
47 ON A.Id_Angajat = C.IdAngajatPrelucrare
48 INNER JOIN Judete AS J ON J.IdJudet = C.IdJudetLivrare
49 WHERE J.NumeJudet = 'Prahova'
50 ROLLBACK
51
52
53
54 --BRANDUL REEBOK A FOST CUMPARAT DE BRANDUL ADIDAS. MODIFICATI PEROSANA DE CONTACT A BRANDULUI REEBOK CU CEA A BRANDULUI ADIDAS

```

Results

	Id_Angajat	NumeAngajat	PrenumeAngajat	Functie
1	2	Florescu	Catalin	Manager

```

--BRANDUL REEBOK A FOST CUMPARAT DE BRANDUL ADIDAS. MODIFICATI PEROSANA DE CONTACT A
--BRANDULUI REEBOK CU CEA A BRANDULUI ADIDAS
BEGIN TRAN
    DECLARE @ADIDASTEL NVARCHAR(30)
    DECLARE @ADIDASPERS NVARCHAR(30)
    SELECT @ADIDASTEL = TelefonContact FROM Branduri WHERE NumeBrand = 'Adidas'
    SELECT @ADIDASPERS = PersoanaContact FROM Branduri WHERE NumeBrand = 'Adidas'
    UPDATE Branduri
    SET PersoanaContact = @ADIDASPERS,
        TelefonContact = @ADIDASTEL
    WHERE NumeBrand LIKE 'Reebok'

    SELECT * FROM Branduri
    WHERE NumeBrand LIKE 'Reebok'

ROLLBACK

```

```

54 --BRANDUL REEBOK A FOST CUMPARAT DE BRANDUL ADIDAS. MODIFICATI PERSOANA DE CONTACT A BRANDULUI REEBOK CU CEA A BRANDULUI ADIDAS
55 BEGIN TRAN
56     DECLARE @ADIDASTEL NVARCHAR(30)
57     DECLARE @ADIDASPERS NVARCHAR(30)
58     SELECT @ADIDASTEL =TelefonContact FROM Branduri WHERE NumeBrand = 'Adidas'
59     SELECT @ADIDASPERS =PersoanaContact FROM Branduri WHERE NumeBrand = 'Adidas'
60     UPDATE Branduri
61     SET PersoanaContact = @ADIDASPERS,
62         TelefonContact = @ADIDASTEL
63     WHERE NumeBrand LIKE 'Reebok'
64
65     SELECT * FROM Branduri
66     WHERE NumeBrand LIKE 'Reebok'
67
68 ROLLBACK
69
70

```

96 %

Results Messages

	IdBrand	NumeBrand	Oras	Tara	PersoanaContact	TelefonContact
1	503	Reebok	Boston	SUA	Adriana Casian	0711111111

--ANGAJATII DIN REGIUNEA BUCURESTI-ILFOV VOR BENEFICIA DE O MAJORARE A SALARIULUI BRUT CU
5%

BEGIN TRAN

```

UPDATE A
SET A.SalariuBrut = A.SalariuBrut *105/100
FROM Angajati AS A
INNER JOIN JudeteRegiuni AS JR
ON JR.IdJudet = A.IdJudet
INNER JOIN Regiuni AS R
ON R.IdRegiune = JR.IdRegiune
WHERE R.NumeRegiune LIKE 'Bucuresti-Ilfov'

```

```

SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut
FROM Angajati AS A
INNER JOIN JudeteRegiuni AS JR
ON JR.IdJudet = A.IdJudet
INNER JOIN Regiuni AS R
ON R.IdRegiune = JR.IdRegiune
WHERE R.NumeRegiune LIKE 'Bucuresti-Ilfov'

```

ROLLBACK

```

72  --ANGAJATII DIN REGIUNEA BUCURESTI-ILFOV VOR BENEFICIA DE O MAJORARE A SALARIULUI BRUT CU 5%
73  BEGIN TRAN
74
75  UPDATE A
76  SET A.SalariuBrut = A.SalariuBrut *105/100
77  FROM Angajati AS A
78  INNER JOIN JudeteRegiuni AS JR
79  ON JR.IdJudet = A.IdJudet
80  INNER JOIN Regiuni AS R
81  ON R.IdRegiune = JR.IdRegiune
82  WHERE R.NumeRegiune LIKE 'Bucuresti-Ilfov'
83
84
85  SELECT A.Id_Angajat, A.NumeAngajat, A.PrenumeAngajat, A.SalariuBrut
86  FROM Angajati AS A
87  INNER JOIN JudeteRegiuni AS JR
88  ON JR.IdJudet = A.IdJudet
89  INNER JOIN Regiuni AS R
90  ON R.IdRegiune = JR.IdRegiune
91  WHERE R.NumeRegiune LIKE 'Bucuresti-Ilfov'
92

```

96 %

	Id_Angajat	NumeAngajat	PrenumeAngajat	SalariuBrut
1	3	Enache	Diandra	6615
2	4	Mincu	Mirela	5145
3	6	Vasilache	Smaranda	6195
4	9	Georgescu	Zenaida	5880
-	10			5880

--INFLUENCERII AL CAROR COD A FOST MAI MARE DE 20% AU DEVENIT MAI CUNOSCUTI PE INSTAGRAM.
NUMARUL LOR DE URMARITORI VA CRESTE CU 1000.

BEGIN TRAN

```

UPDATE I
SET I.NumarUrmatoriiInstagram +=1000
FROM Influenceri AS I
INNER JOIN CoduriReducere AS C
ON C.IdInfluencer = I.IdInfluencer
WHERE C.ProcentReducere > 20

SELECT I.NumeInfluencer, I.PrenumeInfluencer, I.NumarUrmatoriiInstagram
FROM Influenceri AS I
INNER JOIN CoduriReducere AS C
ON C.IdInfluencer = I.IdInfluencer
WHERE C.ProcentReducere > 20
ROLLBACK

```

```

97 --INFLUENCERII AL CAROR COD A FOST MAI MARE DE 20% AU DEVENIT MAI CUNOSCUTI PE INSTAGRAM. NUMARUL LOR DE URMARITORI VA CRESTE CU 1000.
98 BEGIN TRAN
99
100 UPDATE I
101 SET I.NumarUrmaritoriInstagram +=1000
102 FROM Influenceri AS I
103 INNER JOIN CoduriReducere AS C
104 ON C.IdInfluencer = I.IdInfluencer
105 WHERE C.ProcentReducere > 20
106
107 SELECT I.NumeInfluencer, I.PrenumeInfluencer, I.NumarUrmaritoriInstagram
108 FROM Influenceri AS I
109 INNER JOIN CoduriReducere AS C
110 ON C.IdInfluencer = I.IdInfluencer
111 WHERE C.ProcentReducere > 20
112 ROLLBACK
113

```

Results

	NumeInfluencer	PrenumeInfluencer	NumarUrmaritoriInstagram
1	Alexe	Diana	57831
2	Ramascanu	Ana-Elena	67245

--CURIERUL NU NUMELE Vasiliu George S-A MUTAT LA FIRMA FAN CURIER

--

BEGIN TRAN

```

DECLARE @IDFAN INT
SELECT @IDFAN = IdFirmaCurierat FROM FirmeCurierat WHERE NumeFirma = 'Fan Curier'
UPDATE C
SET C.IdFirmaCurierat = @IDFAN
FROM Curieri AS C INNER JOIN FirmeCurierat AS F
ON C.IdFirmaCurierat = F.IdFirmaCurierat
WHERE C.NumeCurier LIKE 'Vasiliu' AND C.PrenumeCurier LIKE 'George'

SELECT C.IdCurier, C.NumeCurier, C.PrenumeCurier, F.NumeFirma
FROM Curieri AS C INNER JOIN FirmeCurierat AS F
ON C.IdFirmaCurierat = F.IdFirmaCurierat
AND C.NumeCurier LIKE 'Vasiliu' AND C.PrenumeCurier LIKE 'George'

```

ROLLBACK

```

116 --CURIERUL NU NUMELE Vasiliu George S-A MUTAT LA FIRMA FAN CURIER
117 --
118 BEGIN TRAN
119
120     DECLARE @IDFAN INT
121     SELECT @IDFAN = IdFirmaCurierat FROM FirmeCurierat WHERE NumeFirma = 'Fan Curier'
122     UPDATE C
123     SET C.IdFirmaCurierat = @IDFAN
124     FROM Curieri AS C INNER JOIN FirmeCurierat AS F
125     ON C.IdFirmaCurierat = F.IdFirmaCurierat
126     WHERE C.NumeCurier LIKE 'Vasiliu' AND C.PrenumeCurier LIKE 'George'
127
128     SELECT C.IdCurier, C.NumeCurier, C.PrenumeCurier, F.NumeFirma
129     FROM Curieri AS C INNER JOIN FirmeCurierat AS F
130     ON C.IdFirmaCurierat = F.IdFirmaCurierat
131     AND C.NumeCurier LIKE 'Vasiliu' AND C.PrenumeCurier LIKE 'George'
132
133     ROLLBACK
134

```

96 %

	IdCurier	NumeCurier	PrenumeCurier	NumeFirma
1	3	Vasiliu	George	Fan Curier

```
--MODIFICATI PRETUL DE ACHIZITIE (FIRMA IL CUMPARA DE LA FURNIZOR) AL HALATULUI PUFOS LA
4000 DE LEI
BEGIN TRAN
```

```

UPDATE Produse
SET PretUnitar = 4000
WHERE DenumireProdus LIKE 'Halat%'

SELECT DenumireProdus, PretUnitar
FROM Produse
WHERE DenumireProdus LIKE 'Halat pufos%'
```

```
ROLLBACK
```

```

136 --MODIFICATI PRETUL DE ACHIZITIE (FIRMA IL CUMPARA DE LA FURNIZOR) AL HALATULUI PUFOS LA 4000 DE LEI
137 BEGIN TRAN
138
139 UPDATE Produse
140 SET PretUnitar = 4000
141 WHERE DenumireProdus LIKE 'Halat%'
142
143 SELECT DenumireProdus, PretUnitar
144 FROM Produse
145 WHERE DenumireProdus LIKE 'Halat pufos'
146
147 ROLLBACK
148
149

```

Results

DenumireProdus	PretUnitar
Halat pufos flagship	4000.00

--MODIFICATI DOMICILIUL CLIENTEI BUZATOIU ALEXANDRA
BEGIN TRAN

```

UPDATE Clienti
SET Adresa = 'Strada Mere Verzi 7', Oras = 'Bucuresti', IdJudet = 42
WHERE NumeClient = 'Buzatoiu' AND PrenumeClient = 'Alexandra'

ROLLBACK

```

```

151 --MODIFICATI DOMICILIUL CLIENTEI BUZATOIU ALEXANDRA
152 BEGIN TRAN
153
154 UPDATE Clienti
155     SET Adresa = 'Strada Mere Verzi 7', Oras = 'Bucuresti', IdJudet = 42
156     WHERE NumeClient = 'Buzatoiu' AND PrenumeClient = 'Alexandra'
157
158 ROLLBACK
159
160
161

```

Results

IdClient	NumeClient	PrenumeClient	Adresa	Oras	IdJudet	Mail	Telefon	DataNastere
1	Buzatoiu	Alexandra	Strada Mere Verzi 7	Bucuresti	42	alexandra_buzatoiu@yahoo.com	0735057199	2000-03-19
2	Chirila	Tudor	Strada Martisor 87	Bucuresti	42	vama_veche@gmail.com	0741234567	1987-03-19
3	Preoteasa	Cristiana	Strada Oituz 12	Arad	2	preo_cris@gmail.com	0723456122	1999-06-05
4	Margaritou	Luca	Strada Cisnadie 142	Sibiu	34	luca_margaritou@gmail.com	0767890543	1993-10-29
5	Dumitru	Daniela	Strada Telelei 1	Cisnadioara	21	daniela_dumitru@gmail.com	0700007067	2001-07-17

--MODIFICATI NUMARUL DE TELEFON AL CURIERULUI Apreotesei
BEGIN TRAN

```

UPDATE Curieri
SET TelefonCurier = '0765123899'

```

```

        WHERE NumeCurier = 'Apreotesei'

SELECT*FROM Curieri
WHERE NumeCurier = 'Apreotesei'

```

ROLLBACK

```

163 --MODIFICATI NUMARUL DE TELEFON AL CURIERULUI Apreotesei
164 BEGIN TRAN
165
166 UPDATE Curieri
167     SET TelefonCurier = '0765123899'
168     WHERE NumeCurier = 'Apreotesei'
169
170 SELECT*FROM Curieri
171 WHERE NumeCurier = 'Apreotesei'
172
173 ROLLBACK
174
175
176

```

96 %

Results Messages

	IdCurier	NumeCurier	PrenumeCurier	IdFirmaCurierat	OrasLivrare	IdJudetLivrare	TelefonCurier
1	1	Apreotesei	Alin	1	Buzau	10	0765123899

```

--MODIFICATI DESCRIEREA CATEGORIEI DE PRODUSE Elegant
BEGIN TRAN

```

```

UPDATE CategoriiProduse
    SET DescriereCategorie = 'Am modificat descrierea categoriei elegant'

SELECT*FROM CategoriiProduse
WHERE NumeCategoria = 'Elegant'

```

ROLLBACK

```
177 --MODIFICATI DESCRIEREA CATEGORIEI DE PRODUSE Elegant
178 BEGIN TRAN
179
180 UPDATE CategoriiProduse
181     SET DescriereCategorie = 'Am modificat descrierea categoriei elegant'
182
183 SELECT*FROM CategoriiProduse
184 WHERE NumeCategoria = 'Elegant'
185
186 ROLLBACK
187
```

96 %

Results Messages

	InsertedCount
1	17

	DeletedCount
1	17

	IdCategoria	NumeCategoria	DescriereCategoria
1	102	Elegant	Am modificat descrierea categoriei elegant

```
--SA SE MAJOREZE IMPOZITUL CASS CU 7%
BEGIN TRAN
```

```
UPDATE Impozite
    SET ProcentImpozit += 7
    WHERE NumeImpozit = 'CASS'

SELECT*FROM Impozite
WHERE NumeImpozit = 'CASS'
```

```
ROLLBACK
```

```

189
190 --SA SE MAJOREZE IMPOZITUL CASS CU 7%
191 BEGIN TRAN
192
193 UPDATE Impozite
194     SET ProcentImpozit += 7
195     WHERE NumeImpozit = 'CASS'
196
197 SELECT*FROM Impozite
198 WHERE NumeImpozit = 'CASS'
199
200 ROLLBACK
201

```

96 %

	IdImpozit	NumeImpozit	ProcentImpozit
1	2	CASS	17

--SA SE MODIFICE VALABILITATEA TERMENelor DE VALABILITATE ALE CODURILOR FOLOSITE DE
CLIENTA Buzatoiu Alexandra ASTFEL INCAT ELE SA EXPIRE IN ZIUA CURENTA
BEGIN TRAN

```

UPDATE CoduriReducere
SET DataSfarsit = '2021-06-01'
FROM
Clienti AS C INNER JOIN COMENZI AS O
ON O.IdClient = C.IdClient
INNER JOIN CoduriReducere AS D
ON D.IdCod = O.IdCod
WHERE C.NumeClient = 'Buzatoiu' AND C.PrenumeClient = 'Alexandra'

SELECT D.IdCod, D.DataSfarsit
FROM
Clienti AS C INNER JOIN COMENZI AS O
ON O.IdClient = C.IdClient
INNER JOIN CoduriReducere AS D
ON D.IdCod = O.IdCod
WHERE C.NumeClient = 'Buzatoiu' AND C.PrenumeClient = 'Alexandra'

```

```

203 --SA SE MODIFICE VALABILITATEA TERMENelor DE VALABILITATE ALE CODURILOR FOLOSITE DE CLIENTA Buzatoiu Alexandra ASTFEL INCAT ELE SA EXPIRE IN ZI
204 BEGIN TRAN
205
206 UPDATE CoduriReducere
207 SET DataSfarsit = '2021-06-01'
208 FROM
209 Clienti AS C INNER JOIN COMENZI AS O
210 ON O.IdClient = C.IdClient
211 INNER JOIN CoduriReducere AS D
212 ON D.IdCod = O.IdCod
213 WHERE C.NumeClient = 'Buzatoiu' AND C.PrenumeClient = 'Alexandra'
214
215 SELECT D.IdCod, D.DataSfarsit
216 FROM
217 Clienti AS C INNER JOIN COMENZI AS O
218 ON O.IdClient = C.IdClient
219 INNER JOIN CoduriReducere AS D
220 ON D.IdCod = O.IdCod
221 WHERE C.NumeClient = 'Buzatoiu' AND C.PrenumeClient = 'Alexandra'
222

```

Results Messages

	IdCod	DataSfarsit
1	1	2021-06-01
2	5	2021-06-01

```

--MODIFICATI CANTITATEA DE PRODUSE DE PE FACTURA CU ID-UL 1
SELECT*FROM Facturi
BEGIN TRAN

UPDATE Facturi
    SET Cantitate += 2
    WHERE IdFactura = 1

SELECT*FROM Facturi
WHERE IdFactura = 1

ROLLBACK

```

```

227 --MODIFICATI CANTITATEA DE PRODUSE DE PE FACTURA CU ID-UL 1
228 SELECT*FROM Facturi
229 BEGIN TRAN
230
231 UPDATE Facturi
232     SET Cantitate += 2
233     WHERE IdFactura = 1
234
235 SELECT*FROM Facturi
236 WHERE IdFactura = 1
237
238 ROLLBACK
239
240

```

96 %

Results Messages

	IdFactura	IdComanda	IdProdus	Cantitate	PretUnitar
1	1	1	4	2	140.00
2	2	1	1	1	130.00
3	3	1	6	1	259.00
4	4	2	5	1	1500.00
5	5	2	9	1	120.00
6	6	2	11	2	400.00

```
--MODIFICATI VALOAREA CODULUI DE REDUCERE AL INFLUENCERULUI IOANA GRAMA SA FIE 40%
BEGIN TRAN
```

```

UPDATE C
SET C.ProcentReducere = 40
FROM CoduriReducere AS C INNER JOIN Influenceri AS I
ON I.IdInfluencer = C.IdInfluencer
WHERE I.NumeInfluencer = 'Grama' AND I.PrenumeInfluencer = 'Ioana'

SELECT C.ProcentReducere
FROM CoduriReducere AS C INNER JOIN Influenceri AS I
ON I.IdInfluencer = C.IdInfluencer
WHERE I.NumeInfluencer = 'Grama' AND I.PrenumeInfluencer = 'Ioana'

ROLLBACK

```

```

242 --MODIFICATI VALOAREA CODULUI DE REDUCERE AL INFLUENCERULUI IOANA GRAMA SA FIE 40%
243 BEGIN TRAN
244
245 UPDATE C
246 SET C.ProcentReducere = 40
247 FROM CoduriReducere AS C INNER JOIN Influenceri AS I
248 ON I.IdInfluencer = C.IdInfluencer
249 WHERE I.NumeInfluencer = 'Grama' AND I.PrenumeInfluencer = 'Ioana'
250
251
252 SELECT C.ProcentReducere
253 FROM CoduriReducere AS C INNER JOIN Influenceri AS I
254 ON I.IdInfluencer = C.IdInfluencer
255 WHERE I.NumeInfluencer = 'Grama' AND I.PrenumeInfluencer = 'Ioana'
256
257 ROLLBACK
258

```

96 %

	ProcentReducere
1	40

--OFERITI UN DISCOUNT DE 2% TUTROR CLIENTILOR AL CAROR NUME INCEPE CU LITERA R

```

BEGIN TRAN

UPDATE D
SET ProcentReducere +=2
FROM Clienti AS C INNER JOIN Comenzi AS O
ON C.IdClient = O.IdClient
INNER JOIN CoduriReducere AS D
ON D.IdCod = O.IdCod
WHERE C.NumeClient LIKE 'R%'

SELECT C.NumeClient, C.PrenumeClient, D.ProcentReducere
FROM Clienti AS C INNER JOIN Comenzi AS O
ON C.IdClient = O.IdClient
INNER JOIN CoduriReducere AS D
ON D.IdCod = O.IdCod
WHERE C.NumeClient LIKE 'R%'

```

ROLLBACK

```

--- 266 UPDATE D
267 SET ProcentReducere +=2
268 FROM Clienti AS C INNER JOIN Comenzi AS O
269 ON C.IdClient = O.IdClient
270 INNER JOIN CoduriReducere AS D
271 ON D.IdCod = O.IdCod
272 WHERE C.NumeClient LIKE 'R%'
273
274 SELECT C.NumeClient, C.PrenumeClient, D.ProcentReducere
275 FROM Clienti AS C INNER JOIN Comenzi AS O
276 ON C.IdClient = O.IdClient
277 INNER JOIN CoduriReducere AS D
278 ON D.IdCod = O.IdCod
279 WHERE C.NumeClient LIKE 'R%'
280
281
282 ROLLBACK
283
284

```

96 %

	ProcentReducere
1	40

```

--JUDETUL ILFOV A IESIT DIN ZONA BUCURESTI-ILFOV SI A INTRAT IN ZONA MUNTENIA-SUD
BEGIN TRAN
    DECLARE @JJ INT
    SELECT @JJ = IdRegiune FROM Regiuni WHERE NumeRegiune = 'Sud-Muntenia'
    UPDATE JR
        SET JR.IdRegiune = @JJ
        FROM JudeteRegiuni AS JR
        INNER JOIN Judete AS J
        ON JR.IdJudet = J.IdJudet
        INNER JOIN Regiuni AS R
        ON JR.IdRegiune = R.IdRegiune
        WHERE J.NumeJudet = 'Ilfov' AND R.NumeRegiune = 'Bucuresti-Ilfov'

    SELECT J.NumeJudet, R.NumeRegiune
    FROM JudeteRegiuni AS JR
    INNER JOIN Judete AS J
    ON JR.IdJudet = J.IdJudet
    INNER JOIN Regiuni AS R
    ON JR.IdRegiune = R.IdRegiune
    WHERE J.NumeJudet = 'Ilfov'

ROLLBACK

```

```

286 --JUDETUL ILFOV A IESIT DIN ZONA BUCURESTI-ILFOV SI A INTRAT IN ZONA MUNTENIA-SUD
287 BEGIN TRAN
288     DECLARE @JJ INT
289     SELECT @JJ = IdRegiune FROM Regiuni WHERE NumeRegiune = 'Sud-Muntenia'
290     UPDATE JR
291     SET JR.IdRegiune = @JJ
292     FROM JudeteRegiuni AS JR
293     INNER JOIN Judete AS J
294     ON JR.IdJudet = J.IdJudet
295     INNER JOIN Regiuni AS R
296     ON JR.IdRegiune = R.IdRegiune
297     WHERE J.NumeJudet = 'Ilfov' AND R.NumeRegiune = 'Bucuresti-Ilfov'
298
299     SELECT J.NumeJudet, R.NumeRegiune
300     FROM JudeteRegiuni AS JR
301     INNER JOIN Judete AS J
302     ON JR.IdJudet = J.IdJudet
303     INNER JOIN Regiuni AS R
304     ON JR.IdRegiune = R.IdRegiune
305     WHERE J.NumeJudet = 'Ilfov'

```

6 % ▶ Results Messages

	NumeJudet	NumeRegiune
1	Ilfov	Sud-Muntenia

DELETE

```
--DIN NEFERICIRE, ANGAJATA Popa Alina a suferit un accident. Se incadreaza, de acum, la
categoria persoane cu dizabilitati
--ea va fi scutita de impozitul pe venit
```

```
BEGIN TRAN
    DELETE IA
    FROM Angajati AS A INNER JOIN ImpoziteAngajati AS IA
    ON A.Id_Angajat = IA.IdAngajat
    INNER JOIN Impozite AS I
    ON IA.IdImpozit=I.IdImpozit
    WHERE I.NumeImpozit LIKE 'Impozit%' AND A.NumeAngajat LIKE 'Popa' AND
A.PrenumeAngajat LIKE 'Alina'

    SELECT IA.IdAngajat, IA.IdImpozit
    FROM Angajati AS A INNER JOIN ImpoziteAngajati AS IA
    ON A.Id_Angajat = IA.IdAngajat
    INNER JOIN Impozite AS I
    ON IA.IdImpozit=I.IdImpozit
    WHERE I.NumeImpozit LIKE 'Impozit%' AND A.NumeAngajat LIKE 'Popa' AND
A.PrenumeAngajat LIKE 'Alina'
ROLLBACK
```

```
1 --DIN NEFERICIRE, ANGAJATA Popa Alina a suferit un accident. Se incadreaza, de acum, la categoria persoane cu dizabilitati
2 --ea va fi scutita de impozitul pe venit
3
4 BEGIN TRAN
5     DELETE IA
6     FROM Angajati AS A INNER JOIN ImpoziteAngajati AS IA
7     ON A.Id_Angajat = IA.IdAngajat
8     INNER JOIN Impozite AS I
9     ON IA.IdImpozit=I.IdImpozit
10    WHERE I.NumeImpozit LIKE 'Impozit%' AND A.NumeAngajat LIKE 'Popa' AND A.PrenumeAngajat LIKE 'Alina'

11
12    SELECT IA.IdAngajat, IA.IdImpozit
13    FROM Angajati AS A INNER JOIN ImpoziteAngajati AS IA
14    ON A.Id_Angajat = IA.IdAngajat
15    INNER JOIN Impozite AS I
16    ON IA.IdImpozit=I.IdImpozit
17    WHERE I.NumeImpozit LIKE 'Impozit%' AND A.NumeAngajat LIKE 'Popa' AND A.PrenumeAngajat LIKE 'Alina'
18 ROLLBACK
```

```
--STERGETI CONTINUTUL COMENZILOR PLASATE DE CLIENTII DIN REGIUNEA CENTRU
BEGIN TRAN
DELETE F
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN JudeteRegiuni AS JR ON
CL.IdJudet = JR.IdJudet
INNER JOIN Regiuni AS R
```

```

ON R.IdRegiune = JR.IdRegiune
WHERE R.NumeRegiune = 'Centru'

SELECT F.IdFactura, F.IdComanda, F.IdProdus, F.Cantitate,F.PretUnitar
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN JudeteRegiuni AS JR ON
CL.IdJudet = JR.IdJudet
INNER JOIN Regiuni AS R
ON R.IdRegiune = JR.IdRegiune
WHERE R.NumeRegiune = 'Centru'
ROLLBACK

--STERGETI ANGAJATII FIRMEI DE CURIERAT CU FAN CURIER

BEGIN TRAN
    ALTER TABLE Comenzi
    DROP CONSTRAINT FK_Comenzi_Curieri
    DELETE C
    FROM Curieri AS C INNER JOIN FirmeCurierat AS F
    ON C.IdFirmaCurierat = F.IdFirmaCurierat
    WHERE F.NumeFirma LIKE 'Fan Curier'

    SELECT *
    FROM Curieri AS C INNER JOIN FirmeCurierat AS F
    ON C.IdFirmaCurierat = F.IdFirmaCurierat
    WHERE F.NumeFirma LIKE 'Fan Curier'

    --ALTER TABLE Comenzi
    --ADD CONSTRAINT FK_Comenzi_Curieri
    --FOREIGN KEY (IdCurier)
    --REFERENCES Curieri(IdCurier)
ROLLBACK

--STERGETI CONTINUTUL COMENZII CU ID UL 4
BEGIN TRAN
    DELETE FROM Facturi
    WHERE IdComanda = 4

    SELECT* FROM Facturi
ROLLBACK

--STERGETI CODUL DE REDUCERE CORESPUNZATOR influencerului Laura Giurcanu
BEGIN TRAN
    ALTER TABLE Comenzi
    DROP CONSTRAINT FK_Comenzi_CoduriReducere
    DELETE C
    FROM CoduriReducere AS C INNER JOIN Influenci AS I
    ON C.IdInfluencer=I.IdInfluencer
    WHERE I.NumeInfluencer = 'Giurcanu' AND I.PrenumeInfluencer = 'Laura'

```

```

SELECT *
FROM CoduriReducere AS C INNER JOIN Influenceri AS I
ON C.IdInfluencer=I.IdInfluencer
WHERE I.NumeInfluencer = 'Giurcanu' AND I.PrenumeInfluencer = 'Laura'
ROLLBACK

--STERGETI CONTINUTUL COMENZILOR PLASATE DE CLIENTII DIN Judetul Alba
BEGIN TRAN
DELETE F
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN Judete AS J
ON J.IdJudet = CL.IdJudet
WHERE J.NumeJudet = 'Alba'

SELECT F.IdFactura, F.IdComanda, F.IdProdus, F.Cantitate,F.PretUnitar
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN Judete AS J
ON J.IdJudet = CL.IdJudet
WHERE J.NumeJudet = 'Alba'
ROLLBACK

--STERGETI CONTINUTUL COMENZILOR PLASATE DE CLIENTII DIN Judetul Buzau
BEGIN TRAN
DELETE F
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN Judete AS J
ON J.IdJudet = CL.IdJudet
WHERE J.NumeJudet = 'Buzau'

SELECT F.IdFactura, F.IdComanda, F.IdProdus, F.Cantitate,F.PretUnitar
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN Judete AS J
ON J.IdJudet = CL.IdJudet
WHERE J.NumeJudet = 'Buzau'
ROLLBACK

```

```
--STERGETI JUDETUL ILFOV DIN ZONA BUCURESTI ILFOV
BEGIN TRAN
```

```
DELETE FROM JR
FROM JudeteRegiuni AS JR
INNER JOIN Judete AS J
ON JR.IdJudet = J.IdJudet
INNER JOIN Regiuni AS R
ON JR.IdRegiune = R.IdRegiune
WHERE J.NumeJudet = 'Ilfov'
```

```
SELECT J.NumeJudet, R.NumeRegiune
FROM JudeteRegiuni AS JR
INNER JOIN Judete AS J
ON JR.IdJudet = J.IdJudet
INNER JOIN Regiuni AS R
ON JR.IdRegiune = R.IdRegiune
WHERE J.NumeJudet = 'Ilfov'
```

```
ROLLBACK
```

```
--STERGETI CLIENTUL CU ID 1
BEGIN TRAN
```

```
ALTER TABLE Comenzi
DROP CONSTRAINT FK_Comenzi_Clienti
DELETE FROM Clienti
WHERE IdClient = 1
```

```
SELECT*FROM Clienti
```

```
ROLLBACK
```

```
--STERGETI CLIENTII CU NUMELE PREOTEASA
BEGIN TRAN
```

```
ALTER TABLE Comenzi
DROP CONSTRAINT FK_Comenzi_Clienti
DELETE FROM Clienti
WHERE NumeClient LIKE 'Preoteasa'
```

```
SELECT*FROM Clienti
```

```
ROLLBACK
```

```
--STERGETI CLIENTII CAMPINENI
BEGIN TRAN
```

```
ALTER TABLE Comenzi
DROP CONSTRAINT FK_Comenzi_Clienti
DELETE FROM Clienti
WHERE Oras LIKE 'Campina'
```

```
SELECT*FROM Clienti
```

```
ROLLBACK
```

```

--STERGETI ANGAJATII BUCURESTENI
BEGIN TRAN
    ALTER TABLE Comenzi
    DROP CONSTRAINT FK_Comenzi_Angajati
    ALTER TABLE ImpoziteAngajati
    DROP CONSTRAINT FK_ImpoziteAngajati_Angajati
        ALTER TABLE Angajati
    DROP CONSTRAINT FK_Angajati_Angajati
    DELETE FROM Angajati
    WHERE Oras LIKE 'Bucuresti'

    SELECT*FROM Angajati
ROLLBACK

--STERGETI ANGAJATII CU ID 27,28,29
BEGIN TRAN
    DELETE FROM Angajati
    WHERE Id_Angajat = 27 OR Id_Angajat = 28 OR Id_Angajat = 29
ROLLBACK

SELECT*FROM Categoriiproduse
--STERGETI CATEGORIILE DENIM SI KIDS
BEGIN TRAN
    ALTER TABLE Produse
    DROP CONSTRAINT FK_Produse_Categoriiproduse
    DELETE FROM Categoriiproduse
    WHERE NumeCategorie = 'DENIM' OR NumeCategorie = 'Kids'

    SELECT*FROM Categoriiproduse
ROLLBACK

--STERGETI CATEGORIILE DE PRODUSE CARE FOLOSESC IN DESCRIERE CUVANTUL FASHION
BEGIN TRAN
    ALTER TABLE Produse
    DROP CONSTRAINT FK_Produse_Categoriiproduse
    DELETE FROM Categoriiproduse
    WHERE DescriereCategorie LIKE 'Fashion' OR DescriereCategorie LIKE '%fashion%' OR
DescriereCategorie LIKE '%fashion'

    SELECT*FROM Categoriiproduse
ROLLBACK

```

11. TRANZACTII

```
--CREATI O TRANZACTIE CARE INCEARCA SA INTRODUCA UN NOU CLIENT SI PUNETI IN EVIDENTA  
MECANISMUL DE TRATARE A ERORILOR  
BEGIN TRY  
BEGIN TRAN;  
SET IDENTITY_INSERT Comenzi OFF;  
SET IDENTITY_INSERT Clienti OFF;  
SET IDENTITY_INSERT Influenceri OFF;  
SET IDENTITY_INSERT Angajati OFF;  
SET IDENTITY_INSERT Facturi OFF;  
SET IDENTITY_INSERT FirmeCurierat OFF  
SET IDENTITY_INSERT Clienti ON;  
  
INSERT INTO Clienti(IdClient,NumeClient,PrenumeClient, Adresa, Oras, IdJudet, Mail,  
Telefon, DataNastere)  
VALUES(1,'Wild' , 'Ioana' , 'Strada Teilor 7' , 'Campina' , 31, 'wild_ioana@gmail.com',  
'0723457722' , '2003-12-04');  
SET IDENTITY_INSERT Clienti OFF;  
COMMIT TRAN;  
END TRY  
BEGIN CATCH  
IF ERROR_NUMBER() = 2627 -- Duplicate key violation  
BEGIN  
PRINT 'Primary Key violation';  
END  
ELSE IF ERROR_NUMBER() = 547 -- Constraint violations  
BEGIN  
PRINT 'Constraint violation';  
END  
ELSE  
BEGIN  
PRINT 'Unhandled error';  
END;  
--SELECT ERROR_NUMBER()  
IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;  
END CATCH;
```

```

9  SET IDENTITY_INSERT FirmeCurierat OFF
10 SET IDENTITY_INSERT Clienti ON;
11
12
13 INSERT INTO Clienti(IdClient,NumeClient,PrenumeClient, Adresa, Oras, IdJudet, Mail, Telefon, DataNastere)
14 VALUES(1,'Wild' , 'Ioana' , 'Strada Teilor 7' , 'Campina' , 31, 'wild_ioana@gmail.com' , '0723457722' , '2003-12-04');
15 SET IDENTITY_INSERT Clienti OFF;
16 COMMIT TRAN;
17 END TRY
18 BEGIN CATCH
19 IF ERROR_NUMBER() = 2627 -- Duplicate key violation
20 BEGIN
21 PRINT 'Primary Key violation';
22 END
23 ELSE IF ERROR_NUMBER() = 547 -- Constraint violations

```

96 %

Messages

(0 rows affected)

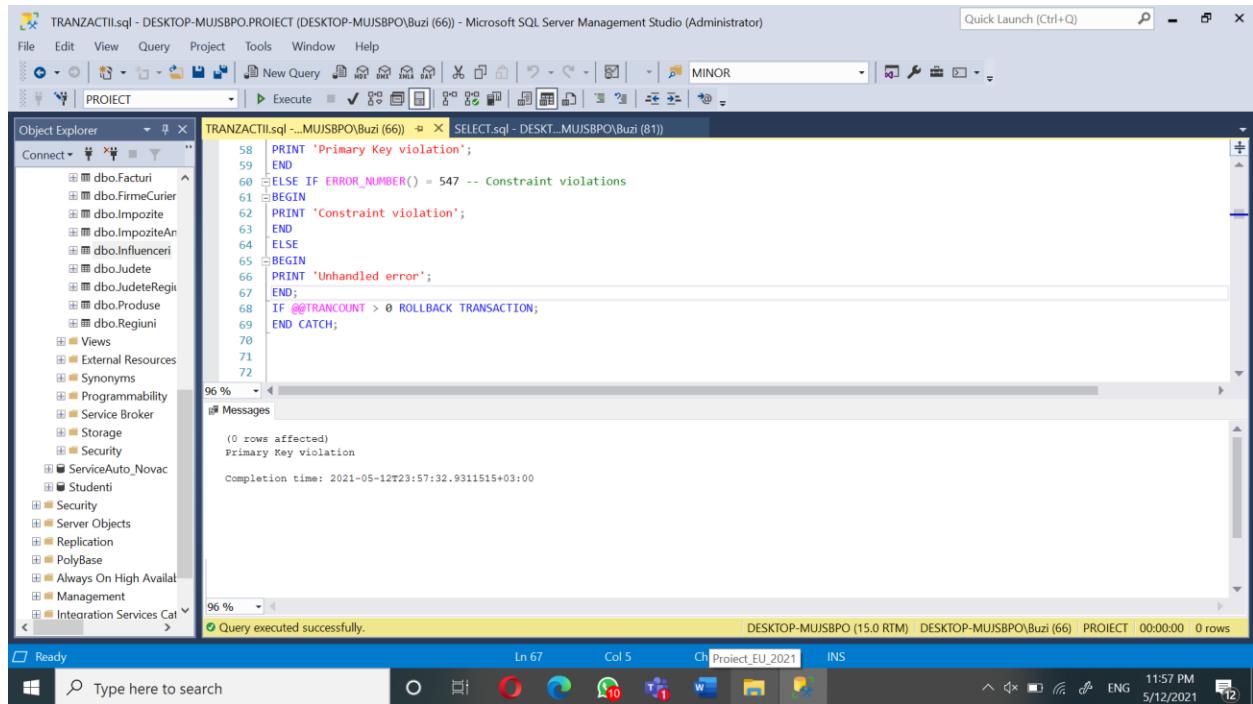
Primary Key violation

Completion time: 2021-05-12T23:56:55.4950823+03:00

```

--CREATI O TRANZACTIE CARE INCEARCA SA INTRODUCA UN NOU INFLUENCER SI PUNETI IN EVIDENTA
MECANISMUL DE TRATARE A ERORILOR
BEGIN TRY
BEGIN TRAN;
SET IDENTITY_INSERT Comenzi OFF;
SET IDENTITY_INSERT Clienti OFF;
SET IDENTITY_INSERT Influenceri OFF;
SET IDENTITY_INSERT Angajati OFF;
SET IDENTITY_INSERT Facturi OFF;
SET IDENTITY_INSERT FirmeCurierat OFF
SET IDENTITY_INSERT Influenceri ON;
INSERT INTO Influenceri (IdInfluencer,NumeInfluencer, PrenumeInfluencer, DataNastere,
Adresa, Oras, IdJudet, NumarUrmatoriiInstagram)
VALUES (2,'Iacob' , 'Sanziana' , '1994-10-09' , 'Strada Florilor 156B' , 'Bucuresti' ,
42, 256098);
SET IDENTITY_INSERT Influenceri OFF;
COMMIT TRAN;
END TRY
BEGIN CATCH
IF ERROR_NUMBER() = 2627 -- Duplicate key violation
BEGIN
PRINT 'Primary Key violation';
END
ELSE IF ERROR_NUMBER() = 547 -- Constraint violations
BEGIN
PRINT 'Constraint violation';
END
ELSE
BEGIN
PRINT 'Unhandled error';
END;
IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;
END CATCH;

```



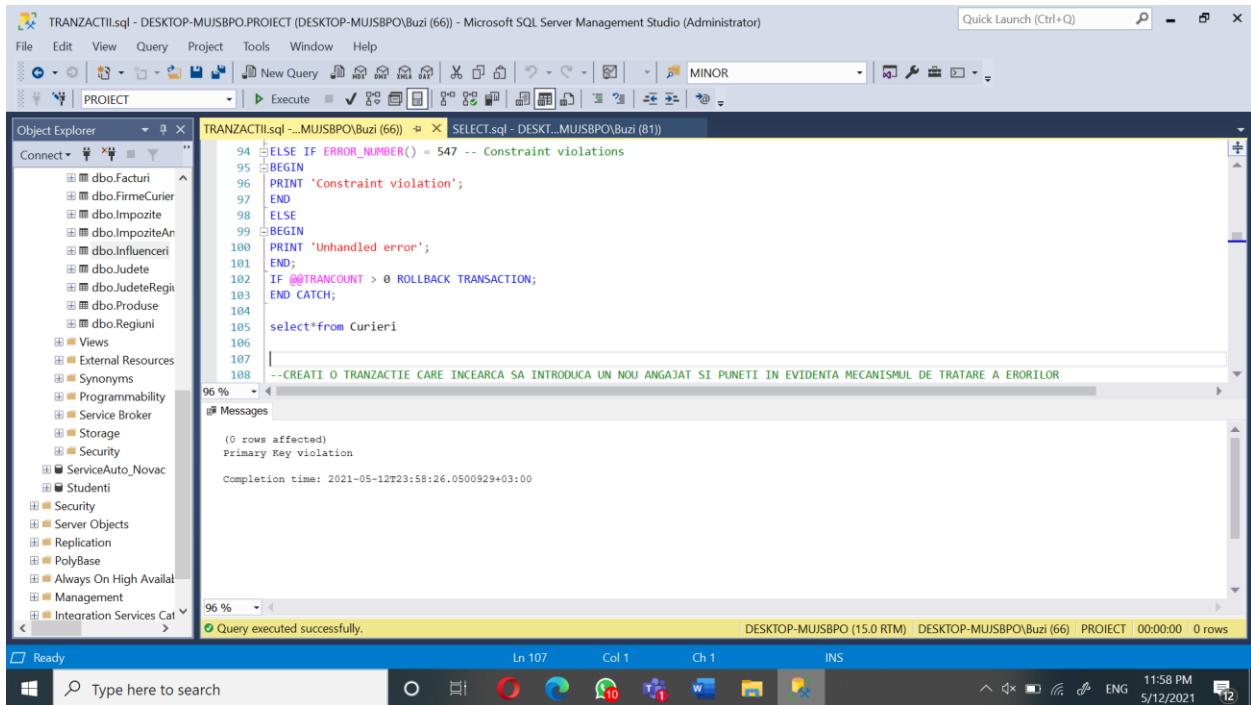
--CREATI O TRANZACTIE CARE INCEARCA SA INTRODUCA O FACTURA NOUA SI PUNETI IN EVIDENTA
MECANISMUL DE TRATARE A ERORILOR

```

BEGIN TRY
BEGIN TRAN;
SET IDENTITY_INSERT Comenzi OFF;
SET IDENTITY_INSERT Clienti OFF;
SET IDENTITY_INSERT Influenceri OFF;
SET IDENTITY_INSERT Angajati OFF;
SET IDENTITY_INSERT Facturi OFF;
SET IDENTITY_INSERT FirmeCurierat OFF
SET IDENTITY_INSERT Facturi ON;
INSERT INTO Facturi(IdFactura, IdComanda, IdProdus, Cantitate, PretUnitar)
VALUES(1,1, 4, 2, 140);
SET IDENTITY_INSERT Facturi OFF;
COMMIT TRAN;
END TRY
BEGIN CATCH
IF ERROR_NUMBER() = 2627 -- Duplicate key violation
BEGIN
PRINT 'Primary Key violation';
END
ELSE IF ERROR_NUMBER() = 547 -- Constraint violations
BEGIN
PRINT 'Constraint violation';
END
ELSE
BEGIN
PRINT 'Unhandled error';
END;

```

```
IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;
END CATCH;
```



```
--CREATI O TRANZACTIE CARE INCEARCA SA INTRODUCA UN NOU ANGAJAT SI PUNETI IN EVIDENTA
MECANISMUL DE TRATARE A ERORILOR
BEGIN TRY
BEGIN TRAN;
SET IDENTITY_INSERT Comenzi OFF;
SET IDENTITY_INSERT Clienti OFF;
SET IDENTITY_INSERT Influenceri OFF;
SET IDENTITY_INSERT Angajati OFF;
SET IDENTITY_INSERT Facturi OFF;
SET IDENTITY_INSERT FirmeCurierat OFF
SET IDENTITY_INSERT Angajati ON;
INSERT INTO Angajati(NumeAngajat, PrenumeAngajat, Functie, DataNastere, DataAngajare,
AdresaDomiciliu, Oras, IdJudet, CodPostal, SefDirect, Telefon, SalariuBrut)
VALUES ('cineva', 'Zenaida', 'Sales Representative', '2000-03-09', '2021-01-01', 'Strada
Sportului 8', 'Bucuresti', 4.2, 100004, 3, '0789543788', 5600);
SET IDENTITY_INSERT Angajati OFF;
COMMIT TRAN;
END TRY
BEGIN CATCH
IF ERROR_NUMBER() = 2627 -- Duplicate key violation
BEGIN
PRINT 'Primary Key violation';
END
ELSE IF ERROR_NUMBER() = 547 -- Constraint violations
BEGIN
PRINT 'Constraint violation';

```

```

END
ELSE IF ERROR_NUMBER() = 545 -- Constraint violations
BEGIN
PRINT 'CHECK Constraint violation';
END
ELSE
BEGIN
PRINT 'Unhandled error';
END;
--SELECT ERROR_NUMBER()
IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;
END CATCH;

```

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar reads "TRANZACTII.sql - DESKTOP-MUJSBPO.PROJECT (DESKTOP-MUJSBPO\Buzi (66)) - Microsoft SQL Server Management Studio (Administrator)". The main area displays a T-SQL script for error handling:

```

127 END
128 ELSE IF ERROR_NUMBER() = 547 -- Constraint violations
129 BEGIN
130 PRINT 'Constraint violation';
131 END
132 ELSE IF ERROR_NUMBER() = 545 -- Constraint violations
133 BEGIN
134 PRINT 'CHECK Constraint violation';
135 END
136 ELSE
137 BEGIN
138 PRINT 'Unhandled error';
139 END;
140 --SELECT ERROR_NUMBER()
141 IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;

```

The status bar at the bottom indicates "96 %", "Query executed successfully.", "DESKTOP-MUJSBPO (15.0 RTM)", "DESKTOP-MUJSBPO\Buzi (66)", "PROJECT", "00:00:00", and "0 rows".

```

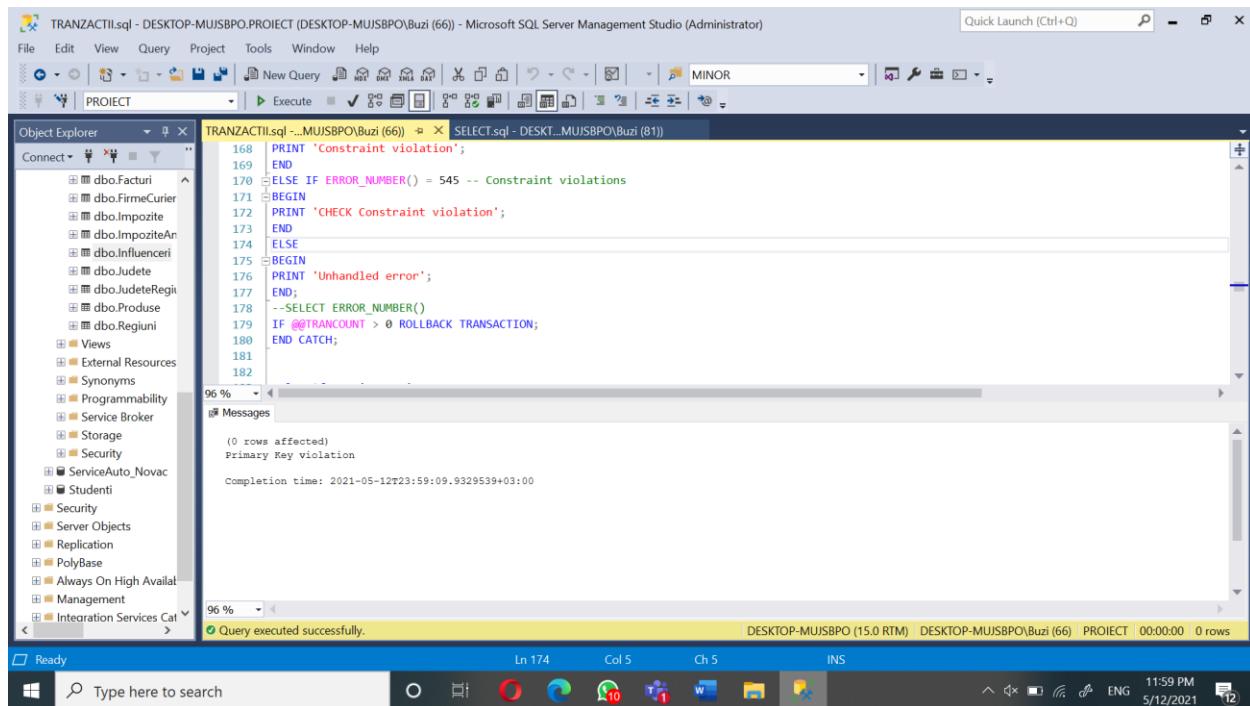
--CREATI O TRANZACTIE CARE INCEARCA SA INTRODUCA O NOUA COMANDA SI PUNETI IN EVIDENTA
--MECANISMUL DE TRATARE A ERORILOR
BEGIN TRY
BEGIN TRAN;
SET IDENTITY_INSERT Comenzi OFF;
SET IDENTITY_INSERT Clienti OFF;
SET IDENTITY_INSERT Influenceri OFF;
SET IDENTITY_INSERT Angajati OFF;
SET IDENTITY_INSERT Facturi OFF;
SET IDENTITY_INSERT FirmeCurierat OFF
SET IDENTITY_INSERT Comenzi ON;
INSERT INTO Comenzi(IdComanda,IdAngajatPrelucrare, IdClient, DataPlasare, DataLimita,
IdCurier, AdresaLivrare, OrasLivrare, IdJudetLivrare, IdCod)
VALUES (1,2, 1, '2021-04-20' , '2021-04-30', 2, 'Strada Principala 17', 'Joia Mare', 2,
1);
SET IDENTITY_INSERT Comenzi OFF;

```

```

COMMIT TRAN;
END TRY
BEGIN CATCH
IF ERROR_NUMBER() = 2627 -- Duplicate key violation
BEGIN
PRINT 'Primary Key violation';
END
ELSE IF ERROR_NUMBER() = 547 -- Constraint violations
BEGIN
PRINT 'Constraint violation';
END
ELSE IF ERROR_NUMBER() = 545 -- Constraint violations
BEGIN
PRINT 'CHECK Constraint violation';
END
ELSE
BEGIN
PRINT 'Unhandled error';
END;
--SELECT ERROR_NUMBER()
IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;
END CATCH;

```



```

--CREATI O TRANZACTIE CARE INCEARCA SA INTRODUCA O NOUA FIRMA DE CURIERAT SI PUNETI IN
EVIDENTA MECANISMUL DE TRATARE A ERORILOR
BEGIN TRY
BEGIN TRAN;
SET IDENTITY_INSERT Comenzi OFF;
SET IDENTITY_INSERT Clienti OFF;

```

```

SET IDENTITY_INSERT Influenciari OFF;
SET IDENTITY_INSERT Angajati OFF;
SET IDENTITY_INSERT Facturi OFF;
SET IDENTITY_INSERT FirmeCurierat OFF;
SET IDENTITY_INSERT FirmeCurierat ON;
INSERT INTO FirmeCurierat (IdFirmaCurierat,NumeFirma, AdresaSediul, OrasSediul,
IdJudetSediul, TelefonSediul)
VALUES (1,'Fan Curierrrr' , 'Strada Take Ionescu 5', 'Arad', 2, '0244374298');
SET IDENTITY_INSERT FirmeCurierat OFF;
COMMIT TRAN;
END TRY
BEGIN CATCH
IF ERROR_NUMBER() = 2627 -- Duplicate key violation
BEGIN
PRINT 'Primary Key violation';
END
ELSE IF ERROR_NUMBER() = 547 -- Constraint violations
BEGIN
PRINT 'Constraint violation';
END
ELSE IF ERROR_NUMBER() = 545 -- Constraint violations
BEGIN
PRINT 'CHECK Constraint violation';
END
ELSE
BEGIN
PRINT 'Unhandled error';
END;
--SELECT ERROR_NUMBER()
IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;
END CATCH;

```

The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar reads "TRANZACTII.sql - DESKTOP-MUJSBPO.PROJECT (DESKTOP-MUJSBPO\Buzi (66)) - Microsoft SQL Server Management Studio (Administrator)". The main area displays a T-SQL script for handling errors. The script includes logic for primary key violations, constraint violations, and check constraint violations, along with a catch-all section for unhandled errors. It also includes a comment for selecting the error number and a rollback transaction if an error occurs.

```

207 | PRINT 'Constraint violation';
208 | END
209 | ELSE IF ERROR_NUMBER() = 545 -- Constraint violations
210 | BEGIN
211 | PRINT 'CHECK Constraint violation';
212 | END
213 | ELSE
214 | BEGIN
215 | PRINT 'Unhandled error';
216 | END;
217 | --SELECT ERROR_NUMBER()
218 | IF @@TRANCOUNT > 0 ROLLBACK TRANSACTION;
219 | END CATCH;
220 |
221 |

```

The status bar at the bottom indicates "96 %", "Query executed successfully.", "DESKTOP-MUJSBPO (15.0 RTM)", "DESKTOP-MUJSBPO\Buzi (66)", "PROJECT", "00:00:00", and "0 rows".

```
--STERGETI CONTINUTUL COMENZILOR PLASATE DE CLIENTII DIN REGIUNEA Vest
BEGIN TRAN
```

```
DELETE F
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN JudeteRegiuni AS JR ON
CL.IdJudet = JR.IdJudet
INNER JOIN Regiuni AS R
ON R.IdRegiune = JR.IdRegiune
WHERE R.NumeRegiune = 'Vest'
```

```
SELECT F.IdFactura, F.IdComanda, F.IdProdus, F.Cantitate,F.PretUnitar
FROM Facturi AS F
INNER JOIN Comenzi AS C
ON C.IdComanda = F.IdComanda
INNER JOIN Clienti AS CL
ON CL.IdClient=C.IdClient
INNER JOIN JudeteRegiuni AS JR ON
CL.IdJudet = JR.IdJudet
INNER JOIN Regiuni AS R
ON R.IdRegiune = JR.IdRegiune
WHERE R.NumeRegiune = 'Vest'
```

ROLLBACK

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The title bar reads "TRANZACTII.sql - DESKTOP-MUJSBPO.PROJECT (DESKTOP-MUJSBPO\Buzi (66)) - Microsoft SQL Server Management Studio (Administrator)". The main area contains a query window with the following T-SQL code:

```
236
237
238 SELECT F.IdFactura, F.IdComanda, F.IdProdus, F.Cantitate,F.PretUnitar
239 FROM Facturi AS F
240 INNER JOIN Comenzi AS C
241 ON C.IdComanda = F.IdComanda
242 INNER JOIN Clienti AS CL
243 ON CL.IdClient=C.IdClient
244 INNER JOIN JudeteRegiuni AS JR ON
245 CL.IdJudet = JR.IdJudet
246 INNER JOIN Regiuni AS R
247 ON R.IdRegiune = JR.IdRegiune
248 WHERE R.NumeRegiune = 'Vest'
249
250 ROLLBACK
```

The results pane below the code shows a table with one row:

IdFactura	IdComanda	IdProdus	Cantitate	PretUnitar

A status bar at the bottom indicates "Query executed successfully." and "DESKTOP-MUJSBPO (15.0 RTM) DESKTOP-MUJSBPO\Buzi (66) PROJECT 00:00:00 0 rows".

```
--STERGETI CONTINUTUL COMENZII CU ID UL 33  
BEGIN TRAN
```

```
DELETE FROM Facturi  
WHERE IdComanda = 33
```

```
SELECT* FROM Facturi
```

```
ROLLBACK
```

The screenshot shows the Microsoft SQL Server Management Studio interface. In the Object Explorer, there is a database named 'TRANZACTII'. In the center pane, a query window displays the following script:

```
251  
252  
253  
254  
255 --STERGETI CONTINUTUL COMENZII CU ID UL 33  
256 BEGIN TRAN  
257  
258 DELETE FROM Facturi  
259 WHERE IdComanda = 33  
260  
261 SELECT* FROM Facturi  
262  
263 ROLLBACK  
264  
265
```

Below the script, the results pane shows a table with 11 rows of data:

IdFactura	IdComanda	IdProdus	Cantitate	PretUnitar
1	1	4	2	140.00
2	2	1	1	130.00
3	3	1	6	259.00
4	4	2	5	1500.00
5	5	2	9	120.00
6	6	2	11	400.00
7	7	2	15	600.00
8	8	3	18	999.00
9	9	3	17	500.00
10	10	3	28	700.00
11	11	4	9	120.00

A status bar at the bottom indicates: DESKTOP-MUJSBPO (15.0 RTM) | DESKTOP-MUJSBPO\Buzi (66) | PROJECT | 00:00:00 | 66 rows.

```
--MODIFICATI DOMICILIUL CLIENTEI BUZATOIU ALEXANDRA  
BEGIN TRAN
```

```
UPDATE Clienti  
SET Adresa = 'Strada Mere Verzi 7', Oras = 'Bucuresti', IdJudet = 42  
WHERE NumeClient = 'Buzatoiu' AND PrenumeClient = 'Alexandra'
```

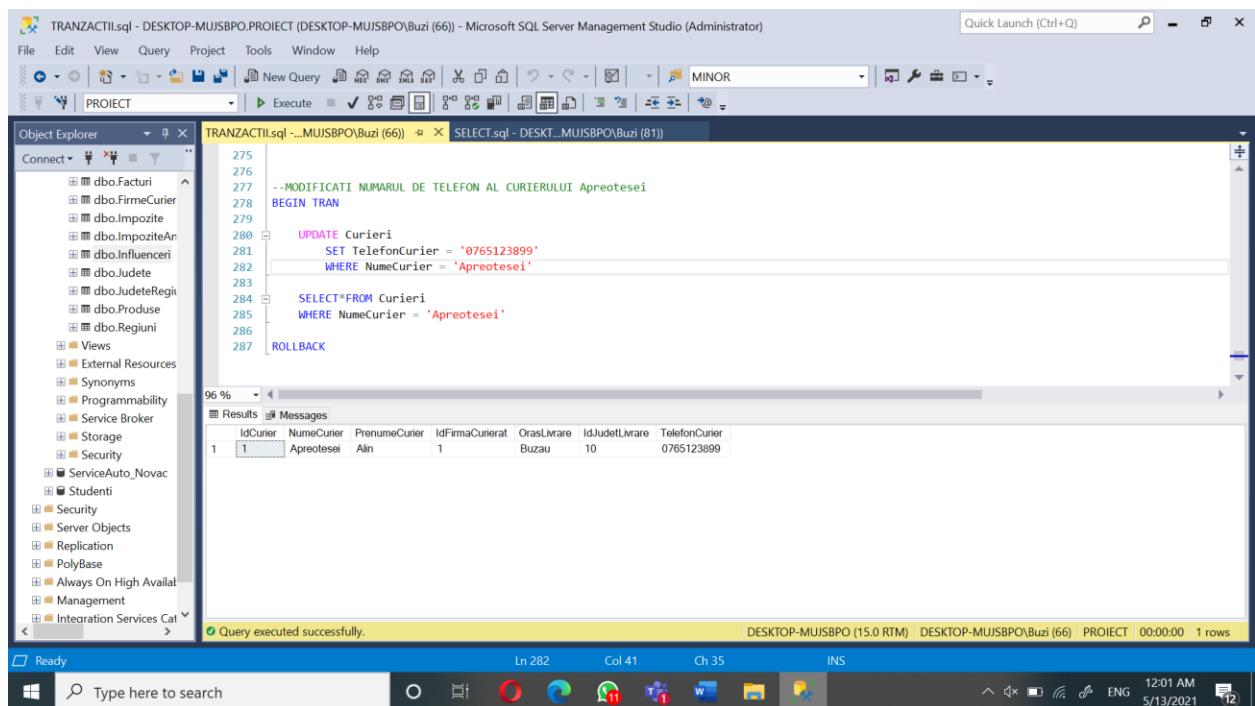
```
ROLLBACK
```

--MODIFICATI NUMARUL DE TELEFON AL CURIERULUI Apreotesei
BEGIN TRAN

```
UPDATE Curieri  
    SET TelefonCurier = '0765123899'  
    WHERE NumeCurier = 'Apreoșesei'
```

```
SELECT*FROM Curieri  
WHERE NumeCurier = 'Apreotesei'
```

ROLLBACK



12. ADMINISTRAREA BAZEI DE DATE (FISIERE,LOG)

```
ALTER DATABASE [PROIECT] ADD FILEGROUP [NewFG]

ALTER DATABASE [PROIECT]
ADD FILE ( NAME = N'Fisier1',
FILENAME = N'D:\ATM\ANUL_2\SEM2\BAZE DE DATE\Proiect_EU_2021\Fisier1.ndf',
SIZE = 4096KB,
FILEGROWTH = 1024000KB ),
( NAME = N'Fisier2',
FILENAME = N'D:\ATM\ANUL_2\SEM2\BAZE DE DATE\Proiect_EU_2021\Fisier2.ndf',
SIZE = 4096KB,
FILEGROWTH = 1024000KB ),
( NAME = N'Fisier3',
FILENAME = N'D:\ATM\ANUL_2\SEM2\BAZE DE DATE\Proiect_EU_2021\Fisier3.ndf',
SIZE = 4096KB,
FILEGROWTH = 1024000KB )
TO FILEGROUP [NewFG]

ALTER DATABASE [PROIECT]
ADD LOG FILE
(
    Name = Log1,
FileName = 'D:\ATM\ANUL_2\SEM2\BAZE DE DATE\Proiect_EU_2021\Log1.ldf',
size = 10MB, -- KB, Mb, GB, TB
maxsize = unlimited,
filegrowth = 1024MB
)
ALTER DATABASE [PROIECT]
ADD LOG FILE
(
    Name = Log2,
FileName = 'D:\ATM\ANUL_2\SEM2\BAZE DE DATE\Proiect_EU_2021\Log2.ldf',
size = 10MB, -- KB, Mb, GB, TB
maxsize = unlimited,
filegrowth = 1024MB
)
BACKUP DATABASE PROIECT
TO DISK = 'D:\ATM\ANUL_2\SEM2\BAZE DE DATE\Proiect_EU_2021\BackupPROIECT.bak'
WITH init, format, stats = 10
```

