Nume:Colatau Irina Cristina

Grupa:1042

***PROIECT***

***BAZE DE DATE***

Anexa – cod:

-- Creare tabele

CREATE TABLE FUNCTII\_irina (

Id\_functie NUMBER(4) CONSTRAINT PK\_FUNCTIE PRIMARY KEY,

Den\_functie VARCHAR2(40) NOT NULL,

Salariul\_min NUMBER(4),

Salariul\_max NUMBER(4)

);

CREATE TABLE ANGAJATI\_irina (

Id\_angajat NUMBER(4) CONSTRAINT PK\_ANGAJATI PRIMARY KEY,

Nume\_angajat VARCHAR2(30) NOT NULL,

Prenume\_angajat VARCHAR2(30),

Data\_ang DATE,

Salariul NUMBER(4),

Id\_functie NUMBER(4),

CONSTRAINT FKFunctii\_irina FOREIGN KEY(Id\_functie) REFERENCES FUNCTII\_irina(Id\_functie)

);

CREATE TABLE CLIENTI\_irina (

Id\_client NUMBER(4) CONSTRAINT PK\_CLIENT PRIMARY KEY,

Nume\_client VARCHAR2(30) NOT NULL,

Prenume\_client VARCHAR2(6),

Ocupatie VARCHAR2(30),

Telefon NUMBER(11),

Adresa VARCHAR2(30),

Localitate VARCHAR2(30)

);

CREATE TABLE PRODUSE\_irina (

Id\_produs NUMBER(4) CONSTRAINT PK\_PRODUS PRIMARY KEY,

Denumire\_produs VARCHAR2(35),

Categorie\_produs VARCHAR2(30),

Pret NUMBER(4),

Data\_exp DATE

);

CREATE TABLE FURNIZORI\_irina (

Id\_furnizor NUMBER(4) CONSTRAINT PK\_ID\_FURNIZOR PRIMARY KEY,

Denumire\_furnizor VARCHAR2(30) NOT NULL,

Localitate VARCHAR2(20),

Cantitate\_comandata NUMBER(3)

);

CREATE TABLE COMANDA\_irina (

Nr\_comanda NUMBER(4) CONSTRAINT PK\_COMANDA PRIMARY KEY,

Id\_produs NUMBER(4),

Data DATE,

Id\_client NUMBER(4),

Modalitate\_plata VARCHAR2(20),

Stare\_comanda CHAR(20),

CONSTRAINT FOREIGN\_PRODUSE\_irina FOREIGN KEY(Id\_produs) REFERENCES PRODUSE\_irina(Id\_produs),

CONSTRAINT FOREIGN\_CLIENTI\_irina FOREIGN KEY(Id\_client) REFERENCES CLIENTI\_irina(Id\_client)

);

CREATE TABLE DEPOZITE\_irina (

Nr\_depozit NUMBER(4) CONSTRAINT PK\_DEPOZIT PRIMARY KEY,

Cantitate NUMBER(3),

Id\_produs NUMBER(4),

Id\_furnizor NUMBER(4),

CONSTRAINT FKPRODUSE\_irina FOREIGN KEY(Id\_produs) REFERENCES PRODUSE\_irina(Id\_produs),

CONSTRAINT FKFURNIZORI\_irina FOREIGN KEY(Id\_furnizor) REFERENCES FURNIZORI\_irina(Id\_furnizor)

);

-- Modificari pe tabele

ALTER TABLE DEPOZITE\_irina ADD (Localitate\_depozit VARCHAR2(20));

ALTER TABLE DEPOZITE\_irina DROP COLUMN Localitate\_depozit;

ALTER TABLE ANGAJATI\_irina ADD (Comision NUMBER(3));

ALTER TABLE ANGAJATI\_irina ADD CONSTRAINT verificare\_comision CHECK (Comision BETWEEN 5 AND 50);

ALTER TABLE ANGAJATI\_irina DISABLE CONSTRAINT verificare\_comision;

ALTER TABLE COMANDA\_irina ADD (Id\_angajat NUMBER(4));

ALTER TABLE COMANDA\_irina ADD CONSTRAINT FOREIGN\_ANGAJATI\_irina FOREIGN KEY (Id\_angajat) REFERENCES ANGAJATI\_irina(Id\_angajat);

-- Comenzi de administrare

DROP TABLE DEPOZITE\_irina CASCADE CONSTRAINTS;

FLASHBACK TABLE DEPOZITE\_irina TO BEFORE DROP;insert into FUNCTII\_irina (Id\_functie,Den\_functie,Salariul\_min,Salariul\_max)

-- Inserare date in tabela FUNCTII\_irina

INSERT INTO FUNCTII\_irina (Id\_functie, Den\_functie, Salariul\_min, Salariul\_max) VALUES (1, 'Manager', 3500, 4000);

INSERT INTO FUNCTII\_irina (Id\_functie, Den\_functie, Salariul\_min, Salariul\_max) VALUES (2, 'Asistent manager', 3000, 3400);

INSERT INTO FUNCTII\_irina (Id\_functie, Den\_functie, Salariul\_min, Salariul\_max) VALUES (3, 'Vanzator', 1200, 1800);

INSERT INTO FUNCTII\_irina (Id\_functie, Den\_functie, Salariul\_min, Salariul\_max) VALUES (4, 'Contabil', 4500, 6000);

INSERT INTO FUNCTII\_irina (Id\_functie, Den\_functie, Salariul\_min, Salariul\_max) VALUES (5, 'Reprezentant Relatii Publice', 3200, 4000);

-- Inserare date in tabela ANGAJATI\_irina

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (1, 'Popescu', 'Stefan', TO\_DATE('10-07-2019', 'dd-mm-yyyy'), 3800, 10, 1);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (2, 'Achim', 'Alexandra', TO\_DATE('24-10-2019', 'dd-mm-yyyy'), 3000, 12, 2);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (3, 'Ionescu', 'Tudor', TO\_DATE('02-04-2021', 'dd-mm-yyyy'), 1600, 10, 3);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (4, 'Voiculescu', 'Claudia', TO\_DATE('16-07-2021', 'dd-mm-yyyy'), 4500, 20, 4);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (5, 'Popescu', 'Marian', TO\_DATE('01-02-2022', 'dd-mm-yyyy'), 3300, 8, 5);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (6, 'Popa', 'Cristian', TO\_DATE('20-05-2022', 'dd-mm-yyyy'), 3900, 11, 2);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (7, 'Iancu', 'Maria', TO\_DATE('15-04-2021', 'dd-mm-yyyy'), 1800, 10, 4);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (8, 'Constantin', 'Alex', TO\_DATE('10-09-2020', 'dd-mm-yyyy'), 1750, 12, 3);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (9, 'Petrescu', 'Diana', TO\_DATE('05-12-2019', 'dd-mm-yyyy'), 3900, 9, 5);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (10, 'Dumitrescu', 'Ionut', TO\_DATE('30-08-2021', 'dd-mm-yyyy'), 4000, 10, 1);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (11, 'Georgescu', 'Andreea', TO\_DATE('25-03-2022', 'dd-mm-yyyy'), 3650, 11, 2);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (12, 'Anton', 'Mihai', TO\_DATE('11-11-2020', 'dd-mm-yyyy'), 1560, 8, 3);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (13, 'Ionescu', 'Elena', TO\_DATE('02-04-2022', 'dd-mm-yyyy'), 5000, 10, 4);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (14, 'Stancu', 'Vlad', TO\_DATE('18-06-2021', 'dd-mm-yyyy'), 4000, 9, 5);

INSERT INTO ANGAJATI\_irina (Id\_angajat, Nume\_angajat, Prenume\_angajat, Data\_ang, Salariul, Comision, Id\_functie) VALUES (15, 'Radu', 'Ioana', TO\_DATE('22-10-2022', 'dd-mm-yyyy'), 1600, 12, 3);

-- Inserare date in tabela CLIENTI\_irina

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (10, 'Matei', 'Ana', 'contabil', 0734567890, 'Strada Victoriei nr. 20', 'Cluj-Napoca');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (11, 'Dumitrache', 'Mihai', 'profesor', 0765432109, 'Bulevardul Republicii nr. 15', 'Timisoara');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (12, 'Georgescu', 'Laura', 'inginer', 0722123456, 'Aleea Fericirii nr. 7', 'Iasi');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (13, 'Florescu', 'Cristi', 'student', 0712345678, 'Strada Libertatii nr. 30', 'Brasov');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (14, 'Dumitrescu', 'Andrei', 'doctor', 0798765432, 'Bulevardul Unirii nr. 5', 'Constanta');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (15, 'Ionescu', 'Elena', 'student', 0723456789, 'Strada Victoriei nr. 10', 'Bucuresti');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (16, 'Popa', 'Maria', 'inginer', 0765432109, 'Bulevardul Decebal nr. 15', 'Iasi');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (17, 'Radulescu', 'Dragos', 'profesor', 0732156489, 'Strada Libertatii nr. 3', 'Brasov');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (18, 'Popa', 'Alin', 'avocat', 0798765432, 'Aleea Florilor nr. 7', 'Timisoara');

INSERT INTO CLIENTI\_irina (Id\_client, Nume\_client, Prenume\_client, Ocupatie, Telefon, Adresa, Localitate) VALUES (19, 'Popescu', 'Alex', 'student', 0765432189, 'Strada Moldovei nr. 20', 'Cluj-Napoca');

-- Inserare date in tabela COMANDA\_irina

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (1, 101, TO\_DATE('02-02-2023', 'DD-MM-YYYY'), 12, 'card', 'in procesare', 3);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (2, 102, TO\_DATE('08-04-2023', 'DD-MM-YYYY'), 11, 'cash', 'livrata', 2);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (3, 103, TO\_DATE('13-10-2022', 'DD-MM-YYYY'), 12, 'transfer bancar', 'livrata', 3);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (4, 104, TO\_DATE('10-12-2023', 'DD-MM-YYYY'), 13, 'cash', 'in procesare', 4);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (5, 105, TO\_DATE('05-07-2022', 'DD-MM-YYYY'), 14, 'card', 'livrata', 4);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (6, 101, TO\_DATE('08-08-2022', 'DD-MM-YYYY'), 12, 'cash', 'in procesare', 3);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (7, 104, TO\_DATE('10-09-2022', 'DD-MM-YYYY'), 11, 'card', 'plasata', 2);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (8, 105, TO\_DATE('15-10-2022', 'DD-MM-YYYY'), 13, 'cash', 'livrata', 5);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (9, 104, TO\_DATE('20-11-2022', 'DD-MM-YYYY'), 10, 'card', 'plasata', 4);

INSERT INTO COMANDA\_irina (Nr\_comanda, Id\_produs, Data, Id\_client, Modalitate\_plata, Stare\_comanda, Id\_angajat) VALUES (10, 101, TO\_DATE('25-12-2022', 'DD-MM-YYYY'), 14, 'cash', 'livrata', 3);

-- Inserare date in tabela PRODUSE\_irina

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (100, 'Mascara', 'Machiaj ochi', 45, TO\_DATE('02-12-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (101, 'Fond de ten', 'Machiaj fata', 85, TO\_DATE('05-07-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (102, 'Lotiune corp', 'Ingrijire', 30, TO\_DATE('10-10-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (103, 'Ruj', 'Machiaj fata', 50, TO\_DATE('15-09-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (104, 'Crema hidratanta', 'Ingrijire', 65, TO\_DATE('20-11-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (105, 'Paleta farduri', 'Machiaj ochi', 75, TO\_DATE('25-08-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (106, 'Rimel waterproof', 'Machiaj ochi', 40, TO\_DATE('15-09-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (107, 'Balsam de buze', 'Ingrijire', 15, TO\_DATE('10-07-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (108, 'Corector', 'Machiaj ten', 50, TO\_DATE('20-06-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (109, 'Blush', 'Machiaj fata', 25, TO\_DATE('05-08-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (110, 'Crema de soare', 'Ingrijire', 80, TO\_DATE('12-10-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (111, 'Creion de ochi', 'Machiaj ochi', 35, TO\_DATE('08-11-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (112, 'Creion buze', 'Machiaj fata', 20, TO\_DATE('17-09-2024', 'DD-MM-YYYY'));

INSERT INTO PRODUSE\_irina (Id\_produs, Denumire\_produs, Categorie\_produs, Pret, Data\_exp) VALUES (113, 'Iluminator', 'Machiaj fata', 55, TO\_DATE('25-07-2024', 'DD-MM-YYYY'));

-- Inserare date in tabela FURNIZORI\_irina

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (20, 'Nivea', 'Constanta', 25);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (21, 'Loreal', 'Bucuresti', 34);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (22, 'Rimel London', 'Cluj', 18);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (23, 'Garnier', 'Brasov', 13);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (24, 'Avon', 'Bucuresti', 31);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (25, 'TooFaced', 'Timisoara', 29);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (26, 'Urban Decay', 'Bucuresti', 35);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (27, 'Maybelline', 'Cluj-Napoca', 45);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (28, 'NYX', 'Iasi', 27);

INSERT INTO FURNIZORI\_irina (Id\_furnizor, Denumire\_furnizor, Localitate, Cantitate\_comandata) VALUES (29, 'Benefit Cosmetics', 'Constanta', 32);

-- Inserare date in tabela DEPOZITE\_irina

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (30, 53, 100, 21);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (31, 37, 101, 23);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (32, 78, 100, 21);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (33, 45, 103, 20);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (34, 60, 104, 24);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (35, 10, 104, 23);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (37, 45, 102, 22);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (38, 60, 103, 23);

INSERT INTO DEPOZITE\_irina (Nr\_depozit, Cantitate, Id\_produs, Id\_furnizor) VALUES (39, 70, 104, 24);

-- Update-uri

UPDATE PRODUSE\_irina

SET Pret = Pret + 7

WHERE Pret < 60;

UPDATE FUNCTII\_irina

SET Salariul\_min = (SELECT Salariul\_min - 100 FROM FUNCTII\_irina WHERE Id\_functie = 1),

Salariul\_max = (SELECT Salariul\_max - 100 FROM FUNCTII\_irina WHERE Id\_functie = 1)

WHERE Id\_functie = 2;

-- Stergeri

DELETE FROM ANGAJATI\_irina

WHERE Salariul > 4000;

-- Interogari

SELECT Id\_angajat, Nume\_angajat, Salariul FROM ANGAJATI\_irina WHERE Salariul > 3000;

SELECT Nume\_angajat, Salariul FROM ANGAJATI\_irina WHERE Salariul > (SELECT AVG(Salariul) FROM ANGAJATI\_irina);

-- Structuri ierarhice

ALTER TABLE ANGAJATI\_irina ADD (Id\_manager NUMBER(4));

UPDATE ANGAJATI\_irina

SET Id\_manager = CASE

WHEN Id\_angajat = 1 THEN 0

WHEN Id\_angajat = 2 THEN 1

WHEN Id\_angajat = 3 THEN 2

WHEN Id\_angajat = 4 THEN 1

WHEN Id\_angajat = 5 THEN 4

ELSE NULL

END;

SELECT Id\_angajat, Nume\_angajat, Id\_manager, LEVEL FROM ANGAJATI\_irina

CONNECT BY PRIOR Id\_angajat = Id\_manager

START WITH Id\_angajat = 1

ORDER BY LEVEL;

-- Creare VIEW

CREATE VIEW bucuresti\_v AS

SELECT \* FROM CLIENTI\_irina

WHERE UPPER(Localitate) = 'BUCURESTI';

DELETE FROM bucuresti\_v WHERE Ocupatie = 'student';

DROP VIEW bucuresti\_v;

-- Creare si stergere SYNONYM

CREATE SYNONYM detalii\_furnizori\_irina FOR FURNIZORI\_irina;

DROP SYNONYM detalii\_furnizori\_irina;

-- Creare si stergere INDEX

CREATE INDEX NUME\_ANGAJATI\_INDEX ON ANGAJATI\_irina(Nume\_angajat);

SELECT \* FROM user\_indexes;

DROP INDEX NUME\_ANGAJATI\_INDEX;

-- Creare si modificare SEQUENCE

CREATE SEQUENCE seq\_nr\_comanda START WITH 500 INCREMENT BY 10 MAXVALUE 1000 NOCYCLE;

ALTER SEQUENCE seq\_nr\_comanda INCREMENT BY 100;