***COMENZI CREARE TABELE***

create table client(

client\_id number(3) PRIMARY KEY,

nume VARCHAR2(50) NOT NULL,

prenume VARCHAR2(50) NOT NULL,

tip\_de\_client VARCHAR2(20) NOT NULL,

firma\_angajatoare VARCHAR2(50),

numar\_de\_telefon number(15) NOT NULL,

adresa\_de\_email VARCHAR2(50)

);

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

values (100, 'Ada', 'Popescu', 'persoana fizica', null, 070555395, 'anaposescu@yahoo.com');

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

values (101, 'Stoica', 'Mihai', 'persoana fizica', null, 0705557524, 'stoica.mihai@gmail.com');

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

values (102, 'Mosescu', 'Emil', 'persoana juridica','ABCtech', +40785554346, 'EmilMosescu@abctech.ro');

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

values (103, 'Moraru', 'Ana', 'persoana fizica',null, +407655520345 , 'ana\_moraru@yahoo.com');

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

values (104, 'Rusu', 'Elena', 'persoana juridica', 'DataTech', +40711555046 , 'rusu.elena@DataTech.ro');

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

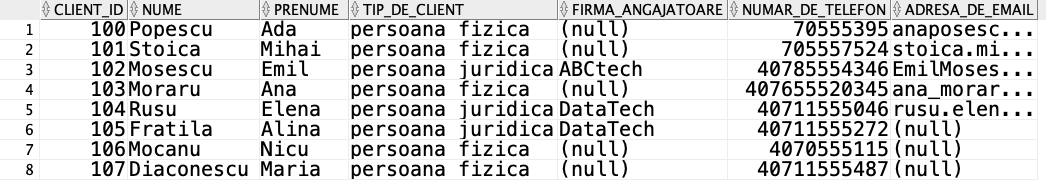
values (105, 'Fratila', 'Alina', 'persoana juridica', 'DataTech', +40711555272 , null);

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

values (106, 'Mocanu', 'Nicu', 'persoana fizica', null, +4070555115 , null);

insert into client (client\_id, nume, prenume, tip\_de\_client, firma\_angajatoare, numar\_de\_telefon, adresa\_de\_email)

values (107, 'Diaconescu', 'Maria', 'persoana fizica', null, +40711555487 , null);

commit;

create table factura(

factura\_id NUMBER(3) PRIMARY KEY,

client\_id NUMBER(3) NOT NULL,

pret\_total NUMBER(5, 2) NOT NULL,

data date NOT NULL

);

alter table factura modify(data date default sysdate);

insert into factura(factura\_id, client\_id, pret\_total)

values (10, 104, 300);

insert into factura(factura\_id, client\_id, pret\_total, data)

values (20, 101, 124, to\_date('03-FEB-21'));

insert into factura(factura\_id, client\_id, pret\_total, data)

values (30, 104, 753.59, to\_date('15-DEC-20'));

insert into factura(factura\_id, client\_id, pret\_total)

values (40, 100, 999.99);

insert into factura(factura\_id, client\_id, pret\_total,data)

values (50, 102, 200, to\_date('26-AUG-20'));

insert into factura(factura\_id, client\_id, pret\_total)

values (60, 103, 500);

insert into factura(factura\_id, client\_id, pret\_total,data)

values (70, 103, 130, to\_date('10-MAR-20'));

insert into factura(factura\_id, client\_id, pret\_total)

values (80, 102, 326);

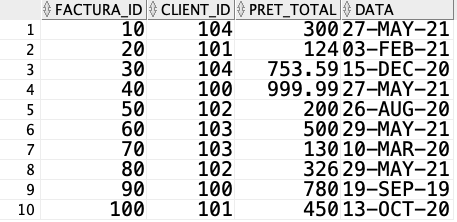
insert into factura(factura\_id, client\_id, pret\_total,data)

values (90, 100, 780, to\_date('19-SEP-19'));

insert into factura(factura\_id, client\_id, pret\_total,data)

values (100, 101, 450, to\_date('13-OCT-20'));

commit;

alter table factura add FOREIGN KEY(client\_id) references client(client\_id);

create table calculator(

calculator\_id number(3) PRIMARY KEY,

client\_id number(3) NOT NULL

);

alter table calculator add FOREIGN KEY(client\_id) references client(client\_id);

insert into calculator(calculator\_id, client\_id)

values (1, 101);

insert into calculator(calculator\_id, client\_id)

values (2, 104);

insert into calculator(calculator\_id, client\_id)

values (3, 100);

insert into calculator(calculator\_id, client\_id)

values (4, 101);

insert into calculator(calculator\_id, client\_id)

values (5, 102);

insert into calculator(calculator\_id, client\_id)

values (6, 104);

insert into calculator(calculator\_id, client\_id)

values (7, 102);

insert into calculator(calculator\_id, client\_id)

values (8, 100);

insert into calculator(calculator\_id, client\_id)

values (9, 103);

insert into calculator(calculator\_id, client\_id)

values (10, 104);

insert into calculator(calculator\_id, client\_id)

values (11, 106);

insert into calculator(calculator\_id, client\_id)

values (12, 107);

insert into calculator(calculator\_id, client\_id)

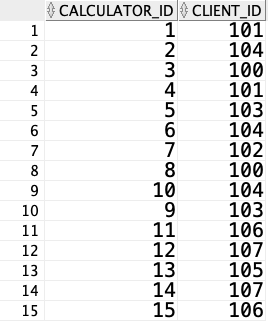
values (13, 105);

insert into calculator(calculator\_id, client\_id)

values (14, 107);

insert into calculator(calculator\_id, client\_id)

values (15, 106);



commit;

create table reparatie(

reparatie\_id number(3) PRIMARY KEY,

angajat\_id number(3) NOT NULL,

factura\_id number(3) NOT NULL,

data\_inceput date NOT NULL,

data\_sfarsit date NOT NULL

);

alter table reparatie add foreign key(factura\_id) REFERENCES factura(factura\_id);

alter table reparatie add foreign key(angajat\_id) REFERENCES tehnician\_it(angajat\_id);

alter table reparatie modify(data\_inceput date default to\_date(sysdate - 30));

alter table reparatie modify(data\_sfarsit date default sysdate);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

values (110, 11, 10);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id, data\_inceput , data\_sfarsit)

values (120, 13, 30, to\_date('10-OCT-20'), to\_date('20-NOV-20'));

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

values (130, 11, 40);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id, data\_inceput, data\_sfarsit)

values (140, 11, 20, to\_date('28-JAN-21'), to\_date('3-FEB-21'));

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

values (150, 13, 50);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

values (160, 11, 70);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

values (170, 19, 90);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

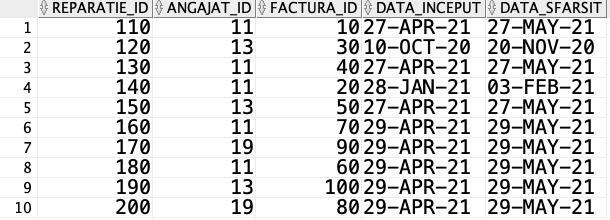
values (180, 11, 60);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

values (190, 13, 100);

insert into reparatie(reparatie\_id, angajat\_id, factura\_id)

values (200, 19, 80);

commit;

create table evidenta\_reparatie(

calculator\_id number(3),

reparatie\_id number(3),

constraint pk\_reparatie\_ev primary key (calculator\_id, reparatie\_id)

);

alter table evidenta\_reparatie add foreign key(calculator\_id) REFERENCES calculator(calculator\_id);

alter table evidenta\_reparatie add foreign key(reparatie\_id) REFERENCES reparatie(reparatie\_id);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (2, 110);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (2, 120);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (3, 130);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (1, 140);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (5, 150);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (5, 160);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (8, 170);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

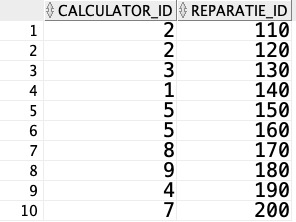
values (9, 180);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (4, 190);

insert into evidenta\_reparatie(calculator\_id, reparatie\_id)

values (7, 200);



commit;

create table garantie(

garantie\_id number(3) primary key,

reparatie\_id number(3) not null,

perioada number(4) not null

);

alter table garantie add foreign key(reparatie\_id) REFERENCES reparatie(reparatie\_id);

alter table garantie modify (perioada number(4) default 6);

insert into garantie(garantie\_id, reparatie\_id, perioada)

values (200, 110, 10);

insert into garantie(garantie\_id, reparatie\_id)

values (210, 120);

insert into garantie(garantie\_id, reparatie\_id, perioada)

values (220, 130, 24);

insert into garantie(garantie\_id, reparatie\_id)

values (230, 140);

insert into garantie(garantie\_id, reparatie\_id, perioada)

values (240, 150, 10);

insert into garantie(garantie\_id, reparatie\_id)

values (250, 160);

insert into garantie(garantie\_id, reparatie\_id, perioada)

values (260, 170, 12);

insert into garantie(garantie\_id, reparatie\_id, perioada)

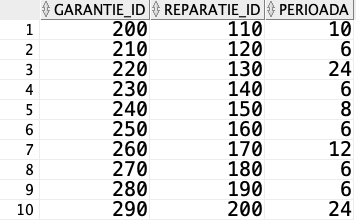
values (270, 180, 6);

insert into garantie(garantie\_id, reparatie\_id)

values (280, 190);

insert into garantie(garantie\_id, reparatie\_id, perioada)

values (290, 200, 24);

commit;

create table angajat(

angajat\_id number(3) primary key,

nume varchar2(50) not null,

prenume VARCHAR2(50) not null,

salariu number(6, 2) not null

);

alter table angajat modify (salariu number(6));

insert into angajat(angajat\_id, nume, prenume, salariu)

values(11, 'Albu' , 'Camelia' , 4000);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(12, 'Cristea' , 'Marius' , 2000);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(13, 'Sava' , 'Camil' , 6500);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(14, 'Georgescu' , 'Luca' , 1900);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(15, 'Dobre' , 'Mihnea' , 2300);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(16, 'Ifrim' , 'Nicoleta' , 2100);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(17, 'Mihail' , 'Ana' , 2200);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(18, 'Enache' , 'Bogdan' , 3450);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(19, 'Iancu' , 'Vlad' , 8000);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(20, 'Puscasu' , 'Miruna' , 2850);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(21, 'Barbu' , 'Mirela' , 7000);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(22, 'Dinu' , 'Ionel' , 7250);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(23, 'Dima' , 'Mihai' , 3000);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(24, 'Stan' , 'George' , 3050);

insert into angajat(angajat\_id, nume, prenume, salariu)

values(25, 'Cristea' , 'Felix' , 2750);

commit;

create table vanzator(

angajat\_id number(3) primary key,

ore\_de\_lucru\_zi number(2) not null

);

alter table vanzator add foreign key(angajat\_id) REFERENCES angajat(angajat\_id);

insert into vanzator (angajat\_id, ore\_de\_lucru\_zi)

values(12, 8);

insert into vanzator (angajat\_id, ore\_de\_lucru\_zi)

values(15, 12);

insert into vanzator(angajat\_id, ore\_de\_lucru\_zi)

values(17, 10);

insert into vanzator(angajat\_id, ore\_de\_lucru\_zi)

values(20, 12);

insert into vanzator(angajat\_id, ore\_de\_lucru\_zi)

values(23, 8);

commit;

create table tehnician\_it(

angajat\_id number(3) primary key,

 ani\_de\_experienta number(2, 1) not null

);

alter table tehnician\_it add foreign key(angajat\_id) REFERENCES angajat(angajat\_id);

insert into tehnician\_it(angajat\_id, ani\_de\_experienta)

values (11, 3);

insert into tehnician\_it(angajat\_id, ani\_de\_experienta)

values (13, 5);

insert into tehnician\_it(angajat\_id, ani\_de\_experienta)

values(19, 6);

insert into tehnician\_it(angajat\_id, ani\_de\_experienta)

values(21, 6);

insert into tehnician\_it(angajat\_id, ani\_de\_experienta)

values(22, 5);

commit;

create table sofer(

angajat\_id number(3) primary key,

modalitate\_de\_deplasare char(20) not null

);

alter table sofer add foreign key(angajat\_id) REFERENCES angajat(angajat\_id);

insert into sofer(angajat\_id, modalitate\_de\_deplasare)

values(14, 'bicicleta');

insert into sofer(angajat\_id, modalitate\_de\_deplasare)

values(16, 'masina');

insert into sofer(angajat\_id, modalitate\_de\_deplasare)

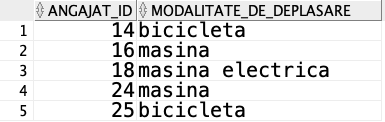
values(18, 'masina electrica');

insert into sofer(angajat\_id, modalitate\_de\_deplasare)

values(24, 'masina');

insert into sofer(angajat\_id, modalitate\_de\_deplasare)

values(25, 'bicicleta');

commit;

create table vanzare(

vanzare\_id number(3) primary key,

angajat\_id number(3) not null

);

alter table vanzare add foreign key(angajat\_id) REFERENCES vanzator(angajat\_id);

insert into vanzare(vanzare\_id, angajat\_id)

values(111, 12);

insert into vanzare(vanzare\_id, angajat\_id)

values(112, 15);

insert into vanzare(vanzare\_id, angajat\_id)

values(113, 15);

insert into vanzare(vanzare\_id, angajat\_id)

values(114, 17);

insert into vanzare(vanzare\_id, angajat\_id)

values(115, 20);

insert into vanzare(vanzare\_id, angajat\_id)

values(116, 17);

insert into vanzare(vanzare\_id, angajat\_id)

values(117, 23);

insert into vanzare(vanzare\_id, angajat\_id)

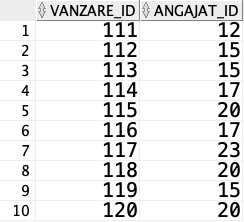
values(118, 20);

insert into vanzare(vanzare\_id, angajat\_id)

values(119, 15);

insert into vanzare(vanzare\_id, angajat\_id)

values(120, 20);

commit;

create table depozit(

depozit\_id number(3) primary key,

oras char(50) not null,

numar\_de\_telefon number(15) not null

);

alter table depozit add foreign key(oras) REFERENCES oras(oras);

insert into depozit(depozit\_id, oras, numar\_de\_telefon)

values (300, 'Bucuresti', 40725555178);

insert into depozit(depozit\_id, oras, numar\_de\_telefon)

values (301, 'Budapesta', 36305554989);

insert into depozit(depozit\_id, oras, numar\_de\_telefon)

values (302, 'Praga', 420775552205);

insert into depozit(depozit\_id, oras, numar\_de\_telefon)

values (303, 'Munchen', 491635554629);

insert into depozit(depozit\_id, oras, numar\_de\_telefon)

values (304, 'Milano', 393512555783);

commit;

create table evidenta\_vanzare(

calculator\_id number(3),

vanzare\_id number(3),

depozit\_id number(3),

constraint calc\_vanzare\_dep primary key (calculator\_id, vanzare\_id, depozit\_id)

);

alter table evidenta\_vanzare add foreign key(calculator\_id) REFERENCES calculator(calculator\_id);

alter table evidenta\_vanzare add foreign key(vanzare\_id) REFERENCES vanzare(vanzare\_id);

alter table evidenta\_vanzare add foreign key(depozit\_id) REFERENCES depozit(depozit\_id);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(6,111,300);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(7,112,301);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(8,113,302);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(9,114,303);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(10,115,304);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(11,116,300);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(12,117,302);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(13,118,304);

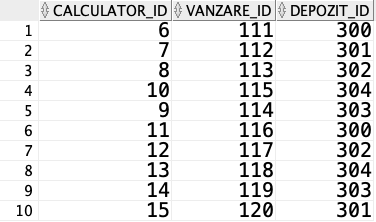
insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(14,119,303);

insert into evidenta\_vanzare(calculator\_id, vanzare\_id, depozit\_id)

values(15,120,301);

commit;



create table oras(

oras char(50) primary key,

tara char(50) not null

);

insert into oras(oras, tara)

values ('Bucuresti', 'Romania');

insert into oras(oras, tara)

values ('Budapesta','Ungaria');

insert into oras(oras, tara)

values ('Praga','Cehia');

insert into oras(oras, tara)

values ('Munchen','Germania');

insert into oras(oras, tara)

values ('Milano','Italia');

commit;

create table livrare(

livrare\_id number(3) primary key,

angajat\_id number(3) not null,

depozit\_id number(3) not null,

calculator\_id number(3) not null,

data\_livrare date not null,

cost number(2) not null

);

create sequence liv\_id

start with 400

increment by 10;

alter table livrare add foreign key(angajat\_id) REFERENCES sofer(angajat\_id);

alter table livrare add foreign key(depozit\_id) REFERENCES depozit(depozit\_id);

alter table livrare add foreign key(calculator\_id) REFERENCES calculator(calculator\_id);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 14, 300, 6, to\_date('24-JUN-21'), 35);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 16, 300, 7, to\_date('4-JUN-21'), 20);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 16, 302, 8, to\_date('17-JUL-21'), 40);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 18, 304, 9, to\_date('30-MAY-21'), 25);

insert into livrare(livrare\_id, angajat\_id, depozit\_id, calculator\_id, data\_livrare, cost)

values(liv\_id.nextval, 18, 303, 10, to\_date('25-JUL-21'), 50);

commit;