Gestionara unei stupine

TODO: fix the inserts

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-grupa 232

Cuprins

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# 1.Prezentarea pe scurt a bazei de date

Modelul de date va gestiona informații despre o stupină de multiplicare. Afacerea este gestionată de mai mulții apicultori licențiați ce își au stupii în mai multe locații pentru a acoperi o suprafață mai vastă, ajutând la producția de miere si diversitatea genetică. Fiecare apicultor poate merge în oricare dintre locație și poate verifica orice stup, stupii putând fi mutați dintr-o locație în alta.

Apicultorii pot angaja lucrători pe diverse posturi, fiind asignați uneia dintre locații. Afacerea trebuie sa aibe întotdeauna un contabil, iar în fiecare locație cel puțin un paznic pentru ca stupii să nu fie furați. Angajații pot lucra o singură dată pentru firmă, concedierea fiind permanentă.

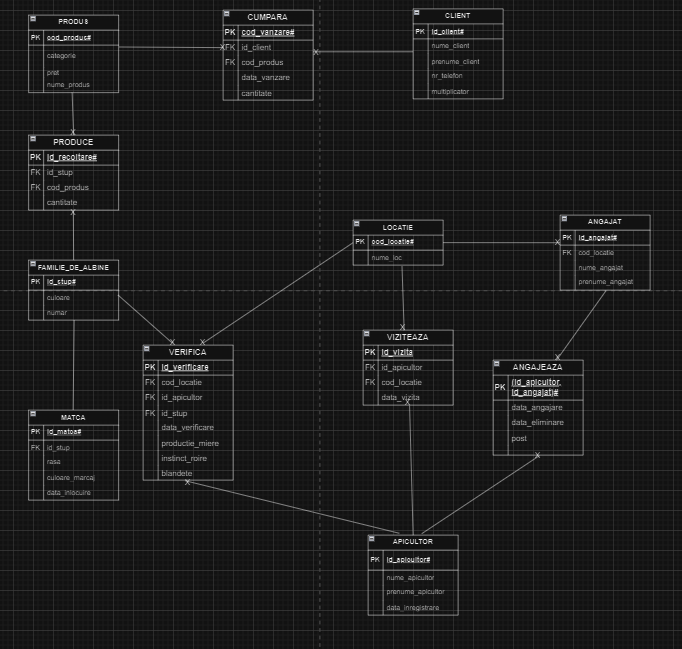
Pot exista stupi fără matcă, aceasta fiind adusă ulterior, dar poate fi și înlocuită cu una nouă, însă trebuie sa fie mereu într-o familie de albine. Mătcile sunt marcate respectând convenția de marcare,iar stupii sunt colorați pentru a ajuta la orientarea albinelor,dar sunt și numerotați pentru a facilita identificarea lor, însă au și un cod unic de înregistrare în cadrul județului în care este licențiată stupina.

Fiecare stup poate produce o varietate de produse apicole specifice consumului, dar și multiplicării și pot fi achiziționate de orice client.

# 2.Diagrama Entitate - Relație

# 

# 3.Diagrama conceptuala



# 

# 4.Definirea tabelelor și constrângerilor

create table APICULTOR(

id\_apicultor number(6) PRIMARY KEY,

nume\_apicultor varchar2(20) NOT NULL,

prenume\_apicultor varchar2(20) NOT NULL,

data\_inregistrare date NOT NULL

);

create table CLIENT(

id\_client number(6) PRIMARY KEY,

nume\_client varchar2(20) NOT NULL,

prenume\_client varchar2(20),

nr\_telefon varchar2(10) UNIQUE ,

multiplicator number(1)

);

create table PRODUS(

cod\_produs number(13) PRIMARY KEY,

categorie varchar2(20),

pret number(5,2),

nume\_produs varchar2(30) UNIQUE

);

create table LOCATIE(

cod\_locatie number(2) PRIMARY KEY,

nume\_loc varchar2(20) UNIQUE

);

create table ANGAJAT(

id\_angajat number(3) PRIMARY KEY,

cod\_locatie number(2) NOT NULL,

nume\_angajat varchar2(20),

prenume\_angajat varchar2(20)

);

create table FAMILIE\_DE\_ALBINE(

id\_stup varchar2(8) PRIMARY KEY,

culoare varchar2(15),

numar number(3)

);

create table MATCA(

id\_matca varchar2(3) PRIMARY KEY,

id\_stup varchar2(6),

rasa varchar2(20) CHECK( rasa = 'carpatina'),

culoare\_marcaj varchar2(1) CHECK(culoare\_marcaj = 'a' or culoare\_marcaj = 's' or culoare\_marcaj = 'r' or culoare\_marcaj = 'g' or culoare\_marcaj = 'v'),

data\_inlocuire date

);

create table CUMPARA(

cod\_vanzare number(8) PRIMARY KEY,

id\_client number(6),

cod\_produs number(13),

cantitate number(4),

data\_vanzare date

);

create table VIZITEAZA(

id\_vizita number(6) PRIMARY KEY,

id\_apicultor number(6),

cod\_locatie number(2),

data\_vizita date

);

create table ANGAJEAZA(

id\_apicultor number(6),

id\_angajat number(3),

data\_angajare date,

data\_eliminare date,

post varchar2(20),

salariu number(5) CHECK (salariu >1000)

);

create table PRODUCE(

id\_recoltare number(7) PRIMARY KEY,

id\_stup varchar2(6),

cod\_produs number(13),

cantitate number(4) CHECK(cantitate > 0)

);

create table VERIFICA(

id\_verificare number(7) PRIMARY KEY,

id\_stup varchar2(6),

id\_apicultor number(6),

cod\_locatie number(2),

productie\_miere number(1) CHECK(productie\_miere > 0 and productie\_miere < 6 ),

instinct\_roire number(1) CHECK(instinct\_roire > 0 and instinct\_roire < 6),

blandete number(1) CHECK(blandete > 0 and blandete < 6),

data\_verificare date

);

alter table ANGAJAT

add constraint fk\_cod\_locatie FOREIGN KEY(cod\_locatie)

REFERENCES LOCATIE(cod\_locatie);

alter table MATCA

add constraint fk\_id\_stup FOREIGN KEY(id\_stup)

references FAMILIE\_DE\_ALBINE(id\_stup);

alter table PRODUCE

add(constraint fk\_prod\_id\_stup FOREIGN KEY(id\_stup) references FAMILIE\_DE\_ALBINE(id\_stup),

constraint fk\_prod\_cod\_produs FOREIGN KEY(cod\_produs) references PRODUS(cod\_produs));

alter table VERIFICA

add(constraint fk\_ver\_id\_stup FOREIGN KEY(id\_stup) references FAMILIE\_DE\_ALBINE(id\_stup),

constraint fk\_ver\_id\_apicultor FOREIGN KEY(id\_apicultor) references APICULTOR(id\_apicultor),

constraint fk\_ver\_cod\_locatie FOREIGN KEY(cod\_locatie) references LOCATIE(cod\_locatie));

alter table ANGAJEAZA

add (constraint pk\_angajeaza PRIMARY KEY(id\_apicultor,id\_angajat),

constraint fk\_ang\_id\_apicultor FOREIGN KEY(id\_apicultor) references APICULTOR(id\_apicultor),

constraint fk\_ang\_id\_angajat FOREIGN KEY(id\_angajat) references ANGAJAT(id\_angajat));

alter table VIZITEAZA

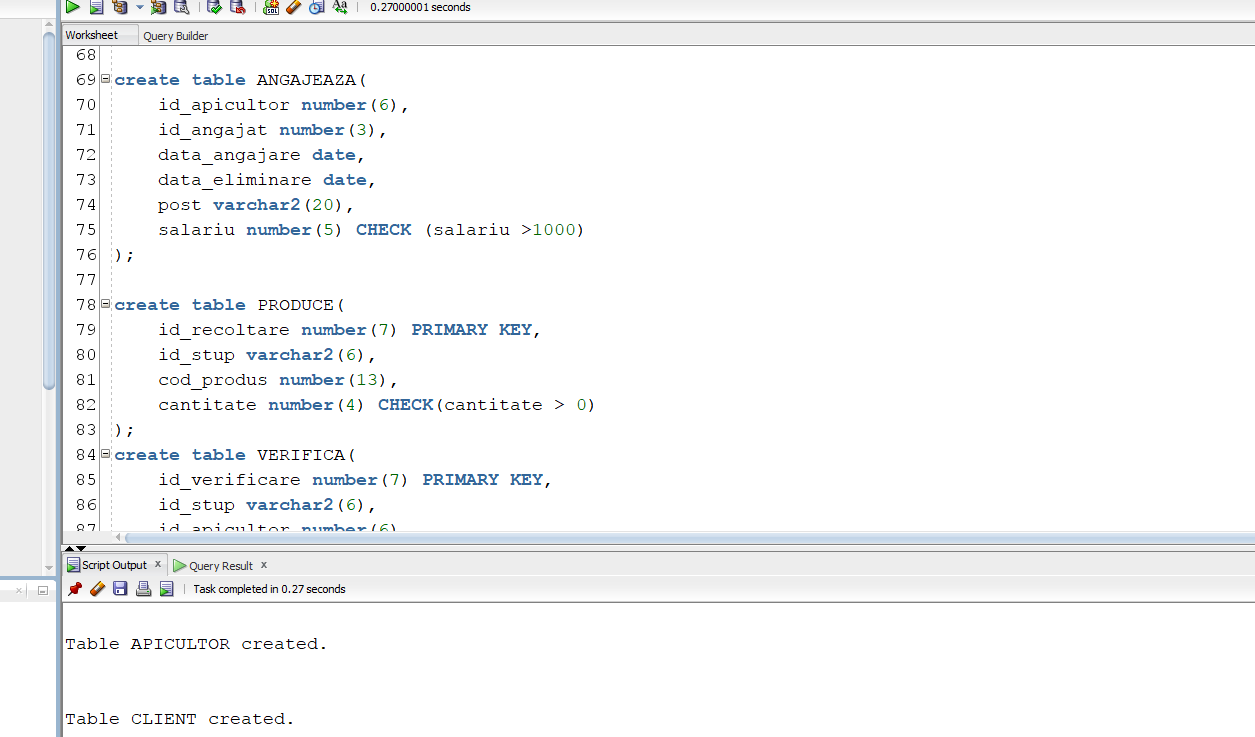
add(constraint fk\_viz\_id\_apicultor FOREIGN KEY(id\_apicultor) references APICULTOR(id\_apicultor),

constraint fk\_viz\_cod\_locatie FOREIGN KEY (cod\_locatie) references LOCATIE(cod\_locatie));

alter table CUMPARA

add( constraint fk\_cump\_id\_client FOREIGN KEY(id\_client) references CLIENT(id\_client),

constraint fk\_cump\_cod\_produs FOREIGN KEY(cod\_produs) references PRODUS(cod\_produs));



# 5.Inserarea informațiilor

create SEQUENCE index\_ang

START WITH 100

INCREMENT BY 1

MAXVALUE 999

NOCACHE

NOCYCLE;

create SEQUENCE cl\_index

START WITH 1

INCREMENT BY 1

NOCACHE

NOCYCLE;

create SEQUENCE index\_loc

START WITH 1

INCREMENT BY 1

NOCACHE

NOCYCLE;

create SEQUENCE index\_vanzare

START WITH 1

INCREMENT BY 1

NOCACHE

NOCYCLE;

create SEQUENCE index\_vizita

START WITH 1

INCREMENT BY 1

NOCACHE

NOCYCLE;

create SEQUENCE index\_recoltare

START WITH 1

INCREMENT BY 1

NOCACHE

NOCYCLE;

create SEQUENCE index\_verificare

START WITH 1

INCREMENT BY 1

NOCACHE

NOCYCLE;

insert into APICULTOR values (141042, 'Dogaru','Mihai',to\_date('24.10.2009','dd.mm.yyyy'));

insert into APICULTOR values (104921 , 'Dogaru','Sorin',to\_date('12.04.2003','dd.mm.yyyy'));

insert into APICULTOR values (947821 , 'Mircea','Razvan',to\_date('05.02.2013','dd.mm.yyyy'));

insert into APICULTOR values (190391 , 'Alexandru','Andrei',to\_date('10.03.2023','dd.mm.yyyy'));

insert into APICULTOR values (194821, 'Papusoi','Rares',to\_date('01.02.2010','dd.mm.yyyy'));

--select \* from APICULTOR;

insert into CLIENT values(cl\_index.nextval,'Popescu','Andrei','0728109930',0);

insert into CLIENT values(cl\_index.nextval,'Ionescu','Razvan','0768269121',0);

insert into CLIENT values(cl\_index.nextval,'Mircea','Andrei','0312765980',0);

insert into CLIENT values(cl\_index.nextval,'Popescu','Alexandru','0772541120',0);

insert into CLIENT values(cl\_index.nextval,'Bucurie','Bogdan','0796312585',0);

insert into CLIENT values(cl\_index.nextval,'Iuliu','Daniel','0787654312',0);

insert into CLIENT values(cl\_index.nextval,'Anghel','Rares','0798765432',0);

insert into CLIENT values(cl\_index.nextval,'Paun','Andrei','0712311111',0);

insert into CLIENT values(cl\_index.nextval,'Ghergu','Cezar','0387645674',0);

insert into CLIENT values(cl\_index.nextval,'Grigore','Vasile','0700122332',0);

insert into client values (cl\_index.nextval, 'Coroama','Cristian',NULL,0);

insert into client values (cl\_index.nextval, 'Tirila','Patric',NULL,0);

insert into client values (cl\_index.nextval, 'Gavrila','Alexandru',NULL,0);

insert into client values (cl\_index.nextval, 'Codarcea','Alexandru',NULL,0);

--select \* from CLIENT;

insert into PRODUS values(12345678901,'consumabil',20.5 ,'miere de poliflora');

insert into PRODUS values(12345678902,'consumabil',35.5 ,'miere de salcam');

insert into PRODUS values(12345678903,'consumabil',25.5 ,'miere de rapita');

insert into PRODUS values(63451424121,'biologic', 80,'matca');

insert into PRODUS values(11234121341,'biologic',400 ,'roi');

insert into PRODUS values(51231411123,NULL,20 ,'tinctura de propolis');

insert into PRODUS values(99014141212,'consumabil',25,'laptisor de matca');

insert into produs values(14252641314,'biologic','25','botca');

insert into produs values('12345432112','consumabil',50,'polen');

--select \* from PRODUS;

insert into LOCATIE values(index\_loc.nextval,'padure ciornuleasa');

insert into LOCATIE values(index\_loc.nextval,'mamaia');

insert into LOCATIE values(index\_loc.nextval,'camp');

insert into LOCATIE values(index\_loc.nextval,'acasa');

insert into LOCATIE values(index\_loc.nextval,'padure curcani');

--select \* from LOCATIE;

insert into ANGAJAT values(index\_ang.nextval,1,'Gica',NULL);

insert into ANGAJAT values(index\_ang.nextval,2,'Bora','Dragos');

insert into ANGAJAT values(index\_ang.nextval,3,'Coxescu','Marian');

insert into ANGAJAT values(index\_ang.nextval,4,'Georgel','Andrei');

insert into ANGAJAT values(index\_ang.nextval,5,'Hoara','Ionut');

insert into ANGAJAT values(index\_ang.nextval,4,'Ene','Cristi');

insert into ANGAJAT values(index\_ang.nextval,3,'Jac',NULL);

insert into ANGAJAT values(index\_ang.nextval,4,'Bobita',NULL);

insert into ANGAJAT values(index\_ang.nextval,1,'Cristi','Cristi');

insert into ANGAJAT values(index\_ang.nextval,4,'Ionut','Ionut');

--select \* from ANGAJAT;

--loc1

insert into FAMILIE\_DE\_ALBINE values('CL0001','verde',12);

insert into FAMILIE\_DE\_ALBINE values('CL0012','rosu',13);

insert into FAMILIE\_DE\_ALBINE values('CL0043','galben',22);

insert into FAMILIE\_DE\_ALBINE values('CL0024','albastru',2);

insert into FAMILIE\_DE\_ALBINE values('CL0110','alb',10);

insert into FAMILIE\_DE\_ALBINE values('CL0021','verde',17);

insert into FAMILIE\_DE\_ALBINE values('CL0031','albastru',56);

insert into FAMILIE\_DE\_ALBINE values('CL0041','rosu',101);

insert into FAMILIE\_DE\_ALBINE values('CL0054','alb',345);

insert into FAMILIE\_DE\_ALBINE values('CL0087','rosu',19);

--loc2

insert into FAMILIE\_DE\_ALBINE values('CL0056','verde',1);

insert into FAMILIE\_DE\_ALBINE values('CL0023','rosu',77);

insert into FAMILIE\_DE\_ALBINE values('CL0112','alb',102);

insert into FAMILIE\_DE\_ALBINE values('CL0101','alb',100);

insert into FAMILIE\_DE\_ALBINE values('CL0201','albastru',71);

--loc3

insert into FAMILIE\_DE\_ALBINE values('CL0090','verde',321);

insert into FAMILIE\_DE\_ALBINE values('CL0009','rosu',118);

insert into FAMILIE\_DE\_ALBINE values('CL1111','alb',512);

insert into FAMILIE\_DE\_ALBINE values('CL3101','alb',24);

insert into FAMILIE\_DE\_ALBINE values('CL4201','albastru',171);

insert into FAMILIE\_DE\_ALBINE values('CL5656','verde',906);

insert into FAMILIE\_DE\_ALBINE values('CL1002','rosu',471);

insert into FAMILIE\_DE\_ALBINE values('CL3172','alb',903);

insert into FAMILIE\_DE\_ALBINE values('CL3501','alb',156);

insert into FAMILIE\_DE\_ALBINE values('CL9109','albastru',781);

insert into FAMILIE\_DE\_ALBINE values('CL7456','verde',822);

insert into FAMILIE\_DE\_ALBINE values('CL1223','rosu',773);

insert into FAMILIE\_DE\_ALBINE values('CL7410','alb',404);

insert into FAMILIE\_DE\_ALBINE values('CL0381','alb',828);

insert into FAMILIE\_DE\_ALBINE values('CL1411','albastru',971);

insert into FAMILIE\_DE\_ALBINE values('CL8806','verde',991);

insert into FAMILIE\_DE\_ALBINE values('CL7323','rosu',797);

insert into FAMILIE\_DE\_ALBINE values('CL6312','alb',717);

insert into FAMILIE\_DE\_ALBINE values('CL6221','alb',530);

insert into FAMILIE\_DE\_ALBINE values('CL9301','albastru',978);

--loc4

insert into FAMILIE\_DE\_ALBINE values('CL9806','verde',900);

insert into FAMILIE\_DE\_ALBINE values('CL8323','rosu',700);

insert into FAMILIE\_DE\_ALBINE values('CL7312','alb',117);

insert into FAMILIE\_DE\_ALBINE values('CL7221','alb',500);

insert into FAMILIE\_DE\_ALBINE values('CL1301','albastru',970);

insert into FAMILIE\_DE\_ALBINE values('CL9807','rosu',904);

insert into FAMILIE\_DE\_ALBINE values('CL8324','rosu',710);

insert into FAMILIE\_DE\_ALBINE values('CL7313','alb',515);

insert into FAMILIE\_DE\_ALBINE values('CL7022','verde',487);

insert into FAMILIE\_DE\_ALBINE values('CL5302','bej',877);

--loc5

insert into FAMILIE\_DE\_ALBINE values('CL8807','verde',999);

insert into FAMILIE\_DE\_ALBINE values('CL9423','rosu',799);

insert into FAMILIE\_DE\_ALBINE values('CL8412','alb',199);

insert into FAMILIE\_DE\_ALBINE values('CL8321','alb',599);

insert into FAMILIE\_DE\_ALBINE values('CL2401','albastru',222);

insert into FAMILIE\_DE\_ALBINE values('CL8907','rosu',333);

insert into FAMILIE\_DE\_ALBINE values('CL1824','rosu',444);

insert into FAMILIE\_DE\_ALBINE values('CL7553','alb',151);

insert into FAMILIE\_DE\_ALBINE values('CL7442','verde',666);

insert into FAMILIE\_DE\_ALBINE values('CL5444','alb',777);

--select \* from FAMILIE\_DE\_ALBINE;

insert into MATCA values('AA','CL0001','carpatina','a',NULL);

insert into MATCA values('AB','CL0012','carpatina','a',NULL);

insert into MATCA values('AC','CL0110','carpatina','g',NULL);

insert into MATCA values('AD','CL0021','carpatina','g',NULL);

insert into MATCA values('AR','CL0031','carpatina','v',NULL);

insert into MATCA values('AT','CL0041','carpatina','r',NULL);

insert into MATCA values('AY','CL0087','carpatina','r',NULL);

insert into MATCA values('AU','CL0023','carpatina','s',NULL);

insert into MATCA values('AI','CL0056','carpatina','a',NULL);

insert into MATCA values('AO','CL0101','carpatina','g',NULL);

insert into MATCA values('BT','CL0090','carpatina','r',NULL);

insert into MATCA values('BY','CL0009','carpatina','s',NULL);

insert into MATCA values('BU','CL3101','carpatina','s',NULL);

insert into MATCA values('BI','CL5656','carpatina','a',NULL);

insert into MATCA values('BR','CL9806','carpatina','v',NULL);

insert into MATCA values('BE','CL5444','carpatina','a',NULL);

insert into MATCA values('CY','CL1223','carpatina','r',NULL);

insert into MATCA values('CU','CL0381','carpatina','v',NULL);

insert into MATCA values('CI','CL8806','carpatina','a',NULL);

insert into MATCA values('WO','CL7323','carpatina','g',NULL);

insert into MATCA values('EE','CL7022','carpatina','v',NULL);

insert into MATCA values('QW','CL9423','carpatina','a',NULL);

--select \* from MATCA

insert into cumpara values(index\_vanzare.nextval, 1,12345678901,2,to\_date('23.01.2019','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 2,12345678901,1,to\_date('14.11.2019','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 2,12345678903,4,to\_date('20.01.2017','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 1,12345678902 ,4,to\_date('10.04.2020','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 3,12345678901,7,to\_date('27.04.2016','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 1,99014141212,10,to\_date('13.07.2018','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 10,12345678901,3,to\_date('20.02.2022','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 5,63451424121,23,to\_date('15.11.2023','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 3,11234121341,5,to\_date('20.05.2020','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 4,14252641314,10,to\_date('23.01.2019','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 9,12345678901,1,to\_date('21.11.2009','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 8,63451424121,12,to\_date('24.05.2018','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 7,12345678901,11,to\_date('20.03.2020','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 6,11234121341,2,to\_date('03.01.2023','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 3,12345678901,4,to\_date('23.02.2019','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 2,12345678901,2,to\_date('14.01.2019','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 1,12345678903,7,to\_date('20.04.2017','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 2,12345678902 ,14,to\_date('10.05.2020','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 5,12345678901,70,to\_date('27.07.2016','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 2,99014141212,12,to\_date('13.02.2018','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 10,12345678901,38,to\_date('20.12.2022','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 5,63451424121,20,to\_date('15.10.2023','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 7,11234121341,52,to\_date('20.06.2020','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 8,14252641314,1,to\_date('23.11.2019','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 3,12345678901,17,to\_date('21.11.2009','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 1,63451424121,12,to\_date('24.10.2018','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 2,12345678901,10,to\_date('20.02.2020','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 6,11234121341,20,to\_date('03.02.2023','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 2,51231411123,15,to\_date('20.02.2020','dd.mm.yyyy'));

insert into cumpara values(index\_vanzare.nextval, 6,51231411123,28,to\_date('03.02.2023','dd.mm.yyyy'));

--select \* from CUMPARA;

insert into viziteaza values(index\_vizita.nextval,141042,1,to\_date('15.10.2020','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,104921,2,to\_date('16.11.2019','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,947821,3,to\_date('19.05.2022','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,947821,4,to\_date('02.02.2020','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,194821,5,to\_date('01.12.2009','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,104921,2,to\_date('26.04.2010','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,104921,3,to\_date('30.11.2019','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,104921,1,to\_date('15.06.2022','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,141042,5,to\_date('14.05.2018','dd.mm.yyyy'));

insert into viziteaza values(index\_vizita.nextval,947821,5,to\_date('15.10.2019','dd.mm.yyyy'));

--select \* from VIZITEAZA;

insert into angajeaza values (141042,100 ,to\_date('04.07.2017','dd.mm.yyyy'),NULL,'paznic','1700');

insert into angajeaza values (104921,101 ,to\_date('12.03.2018','dd.mm.yyyy'),NULL,'paznic','1650');

insert into angajeaza values (141042,102 ,to\_date('14.04.2020','dd.mm.yyyy'),to\_date('11.12.2009','dd.mm.yyyy'),'sofer','1400');

insert into angajeaza values (141042,103 ,to\_date('10.12.2009','dd.mm.yyyy'),to\_date('11.12.2009','dd.mm.yyyy'),'asistent','1800');

insert into angajeaza values (104921,104 ,to\_date('10.12.2009','dd.mm.yyyy'),NULL,'paznic','1700');

insert into angajeaza values (104921,105 ,to\_date('15.05.2010','dd.mm.yyyy'),NULL,'contabil','2500');

insert into angajeaza values (194821,106 ,to\_date('14.01.2019','dd.mm.yyyy'),NULL,'paznic','1800');

insert into angajeaza values (104921,107 ,to\_date('10.12.2009','dd.mm.yyyy'),NULL,'paznic','1700');

insert into angajeaza values (194821,108 ,to\_date('24.09.2011','dd.mm.yyyy'),NULL,'asistent','1800');

insert into angajeaza values (104921,109 ,to\_date('07.04.2020','dd.mm.yyyy'),NULL,'ambalator','1700');

--select \* from ANGAJEAZA;

insert into produce values(index\_recoltare.nextval,'CL8807',12345678901,10);

insert into produce values(index\_recoltare.nextval,'CL9423',12345678902,35);

insert into produce values(index\_recoltare.nextval,'CL8412',12345678903,20);

insert into produce values(index\_recoltare.nextval,'CL8321',99014141212,10);

insert into produce values(index\_recoltare.nextval,'CL2401',12345432112,1);

insert into produce values(index\_recoltare.nextval,'CL8907',12345678901,10);

insert into produce values(index\_recoltare.nextval,'CL1824',12345678901,14);

insert into produce values(index\_recoltare.nextval,'CL0054',12345678901,26);

insert into produce values(index\_recoltare.nextval,'CL0056',12345678901,21);

insert into produce values(index\_recoltare.nextval,'CL0101',12345678901,20);

insert into produce values(index\_recoltare.nextval,'CL0201',12345678902,23);

insert into produce values(index\_recoltare.nextval,'CL3101',12345678901,13);

insert into produce values(index\_recoltare.nextval,'CL4201',12345678901,24);

insert into produce values(index\_recoltare.nextval,'CL5656',12345678902,17);

insert into produce values(index\_recoltare.nextval,'CL9109',12345678901,35);

insert into produce values(index\_recoltare.nextval,'CL1301',12345678902,25);

insert into produce values(index\_recoltare.nextval,'CL7312',63451424121,1);

--select \* from PRODUCE;

insert into verifica values(index\_verificare.nextval,'CL8907',104921,1,4,2,2,to\_date('10.09.2023','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL4201',141042,1,3,3,5,to\_date('08.07.2022','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL3172',190391,2,1,4,5,to\_date('02.09.2019','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1411',190391,2,5,5,5,to\_date('03.04.2009','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',194821,3,4,4,3,to\_date('04.07.2010','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1301',947821,4,2,3,4,to\_date('02.06.2012','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7221',947821,3,1,4,5,to\_date('11.09.2014','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',104921,3,4,4,5,to\_date('12.07.2014','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL0001',104921,5,4,4,2,to\_date('14.05.2016','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL8412',141042,5,1,2,3,to\_date('16.04.2015','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7221',141042,1,4,1,1,to\_date('17.06.2020','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',947821,4,2,3,3,to\_date('10.03.2021','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL0001',141042,4,4,4,2,to\_date('11.07.2022','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL8412',141042,4,5,5,5,to\_date('26.08.2023','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL3172',194821,2,3,2,4,to\_date('30.06.2023','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1411',190391,4,2,3,4,to\_date('10.04.2018','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',194821,4,2,3,3,to\_date('18.06.2017','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1301',104921,4,1,2,2,to\_date('25.07.2014','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7221',947821,2,5,2,5,to\_date('27.08.2013','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL8907',104921,1,4,2,2,to\_date('10.09.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL4201',141042,1,3,3,5,to\_date('08.07.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL3172',190391,2,1,4,5,to\_date('02.09.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1411',190391,2,5,5,5,to\_date('03.04.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',194821,3,4,4,3,to\_date('04.07.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1301',947821,4,2,3,4,to\_date('02.06.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7221',947821,3,1,4,5,to\_date('11.09.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',104921,3,4,4,5,to\_date('12.07.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL0001',104921,5,4,4,2,to\_date('14.05.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL8412',141042,5,1,2,3,to\_date('16.04.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7221',141042,1,4,1,1,to\_date('17.06.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',947821,4,2,3,3,to\_date('10.03.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL0001',141042,4,4,4,2,to\_date('11.07.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL8412',141042,4,5,5,5,to\_date('26.08.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL3172',194821,2,3,2,4,to\_date('30.06.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1411',190391,4,2,3,4,to\_date('10.04.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7312',194821,4,2,3,3,to\_date('18.06.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL1301',104921,4,1,2,2,to\_date('25.07.2024','dd.mm.yyyy'));

insert into verifica values(index\_verificare.nextval,'CL7221',947821,2,5,2,5,to\_date('27.08.2024','dd.mm.yyyy'));

--select \* from VERIFICA;