

— EXERCITIUL 10

```
create sequence locatii_seq
start with 100
increment by 1
maxvalue 199
nocycle;
```

```
create sequence librerie_seq
start with 200
increment by 1
maxvalue 299
nocycle;
```

— EXERCITIUL 11

```
create table LOCATII( id_locatie number(4) constraint pk_locatie primary key,
oras varchar2(25) constraint null_oras_locatie not null,
adresa varchar2(25) constraint null_adresa_locatie not null);
```

```
create table LIBRARIE( id_librarie number(4) constraint pk_librarie primary key,
nume_librarie varchar2(25) constraint null_nume_librarie not null,
id_locatie number(4) constraint null_id_locatie not null,
constraint fk_locatie_librarie foreign key(id_locatie) references
locatii(id_locatie)
);
```

```
create table ANGAJATI( id_angajat number(4) constraint pk_angajati primary key,
nume varchar2(20) constraint null_nume_angajat not null,
prenume varchar2(20),
email char(20) constraint unq_email_angajat unique,
nr_telefon char(12) constraint unq_nr_telefon_angajat unique,
data_ang date default sysdate,
id_manager number(4) constraint fk_angajati references
angajati(id_angajat),
salariu number(8, 2),
id_librarie number(4) constraint ck_id_librarie check(id_librarie>0),
nume_job varchar2(20) constraint null_nume_job not null,
constraint unq_nume_pren_ssg unique(nume, prenume),
constraint fk_librarie_angajat foreign key(id_librarie) references
librarie(id_librarie)
);
```

```
create table EDITURA( id_editura number(4) constraint pk_editura primary key,
nume_editura varchar2(20) constraint null_nume_editura not null,
data_infiintare date
);
```

```

create table CATEGORIE( id_categorie  number(4)    constraint pk_categorie primary
key,
                        nume_categorie varchar2(20)  constraint null_nume_categorie not null
);

```

```

create table CARTI( id_carte    number(4)    constraint pk_carte primary key,
                    titlu      varchar2(30)  constraint null_titlu not null,
                    nume_autor  varchar2(20)  constraint null_nume_autor not null,
                    prenume_autor varchar2(20),
                    pret        number(5,2)  constraint ck_pret_carte check(pret>0),
                    id_editura  number(4)    constraint null_id_editura not null,
                    id_categorie number(4)    constraint null_id_categorie not null,
                    constraint fk_editura_carte foreign key(id_editura) references
editura(id_editura),
                    constraint fk_categorie_carte foreign key(id_categorie) references
categorie(id_categorie)
);

```

```

create table STOC( id_stoc  number(4)  constraint pk_stoc primary key,
                  id_carte  number(4)  constraint null_id_carte_stoc not null,
                  id_librarie number(4)  constraint null_id_stoc_librarie not null,
                  cantitate number(6)  constraint ck_cantitate check(cantitate > 0),
                  constraint fk_id_librarie_stoc foreign key(id_librarie) references
LIBRARIE(id_librarie),
                  constraint fk_id_carte_stoc foreign key(id_carte) references CARTI(id_carte)
);

```

```

insert into LOCATII
values (locatii_seq.nextval, 'Bucuresti', 'Bulevardul Decebal 24');
insert into LIBRARIE
values (librarie_seq.nextval, 'Carturesti Decebal', locatii_seq.currval);

```

```

insert into LOCATII
values (locatii_seq.nextval, 'Cluj', 'Strada Macului 245');
insert into LIBRARIE
values (librarie_seq.nextval, 'Carturesti Macului', locatii_seq.currval);

```

```

insert into LOCATII
values (locatii_seq.nextval, 'Timisoara', 'Aleea Unirii 13');
insert into LIBRARIE
values (librarie_seq.nextval, 'Carturesti Unirii', locatii_seq.currval);

```

```

insert into LOCATII
values (locatii_seq.nextval, 'Bucuresti', 'Calea Victoriei 97');
insert into LIBRARIE
values (librarie_seq.nextval, 'Carturesti Victoriei', locatii_seq.currval);

```

```

insert into LOCATII
values (locatii_seq.nextval, 'Bucuresti', 'Strada Elizabeta 17');
insert into LIBRARIE

```

```
values (librarie_seq.nextval, 'Carturesti Elizabeta', locatii_seq.currval);
```

```
insert into LOCATII
```

```
values (locatii_seq.nextval, 'Bucuresti', 'Aleea Buchetului 8');
```

```
insert into LIBRARIE
```

```
values (librarie_seq.nextval, 'Carturesti Buchetului', locatii_seq.currval);
```

```
insert into LOCATII
```

```
values (locatii_seq.nextval, 'Cluj', 'Bulevardul Eroilor 873');
```

```
insert into LIBRARIE
```

```
values (librarie_seq.nextval, 'Carturesti Eroilor', locatii_seq.currval);
```

```
insert into LOCATII
```

```
values (locatii_seq.nextval, 'Braila', 'Strada Obor 3');
```

```
insert into LIBRARIE
```

```
values (librarie_seq.nextval, 'Carturesti Obor', locatii_seq.currval);
```

```
insert into LOCATII
```

```
values (locatii_seq.nextval, 'Timisoara', 'Strada Timisului 1');
```

```
insert into LIBRARIE
```

```
values (librarie_seq.nextval, 'Carturesti Timisului', locatii_seq.currval);
```

```
insert into LOCATII
```

```
values (locatii_seq.nextval, 'Cluj', 'Bulevardul Basarabia 19');
```

```
insert into LIBRARIE
```

```
values (librarie_seq.nextval, 'Carturesti Basarabia', locatii_seq.currval);
```

```
-- manageri
```

```
insert into ANGAJATI
```

```
values (300, 'Raducan', 'Mihai', 'm.raducan@gmail.com', '0749135222',  
to_date('02-02-2014', 'dd-mm-yyyy'), null, 3000, 200, 'Manager');
```

```
insert into ANGAJATI
```

```
values (301, 'Alexe', 'Andrei', 'a.alexe@gmail.com', '0744137821', to_date('04-02-2014', 'dd-  
mm-yyyy'), null, 3150, 201, 'Manager');
```

```
insert into ANGAJATI
```

```
values (302, 'Popa', 'Andrei', 'a.popa@gmail.com', '0739195232', to_date('03-10-2016', 'dd-  
mm-yyyy'), null, 2870, 202, 'Manager');
```

```
insert into ANGAJATI
```

```
values (303, 'Mihai', 'Marius', 'm.mihai@gmail.com', '0745137101', sysdate, null, 3900, 203,  
'Manager');
```

```
insert into ANGAJATI
```

```
values (304, 'Grozav', 'Robert', 'r.grozav@gmail.com', '0749330722', sysdate, null, 5030,  
204, 'Manager');
```

```
insert into ANGAJATI
```

```
values (305, 'Popa', 'Roxana', 'r.popa@gmail.com', '0745137823', sysdate, null, 2950, 205,  
'Manager');
```

```
insert into ANGAJATI
```

```
values (306, 'Axente', 'Cristina', 'c.alexe@gmail.com', '0759715222', sysdate, null, 3120,  
206, 'Manager');
```

```
insert into ANGAJATI
```

```

values (307, 'Filote', 'Mirela', 'm.filote@gmail.com', '0749124821', sysdate, null, 4790, 207,
'Manager');
insert into ANGAJATI
values (308, 'Bejan', 'Oana', 'o.bejan@gmail.com', '0749139832', sysdate, null, 3000, 208,
'Manager');
insert into ANGAJATI
values (309, 'Gurea', 'Dragos', 'd.gurea@gmail.com', '0745130821', sysdate, null, 2900,
209, 'Manager');
-- librari
insert into ANGAJATI
values (310, 'Dumitriu', 'Adrian', 'a.dumitriu@gmail.com', '0745130321', sysdate, 300, 1750,
200, 'Librar');
insert into ANGAJATI
values (311, 'Teselea', 'Ciprian', 'c.teselea@gmail.com', '0745110821', sysdate, 300, 2000,
200, 'Librar');
insert into ANGAJATI
values (312, 'Cirip', 'Maria', 'm.cirip@gmail.com', '0749100821', sysdate, 301, 2150, 201,
'Librar');
insert into ANGAJATI
values (313, 'Andreas', 'Stefan', 's.andreas@gmail.com', '0735130823', sysdate, 302, 1600,
202, 'Librar');
insert into ANGAJATI
values (314, 'Stan', 'Irina', 'i.stan@gmail.com', '0725110821', sysdate, 302, 1800, 202,
'Librar');
insert into ANGAJATI
values (315, 'Radu', 'Ana', 'a.radu@gmail.com', '0754130821', sysdate, 303, 2000, 203,
'Librar');
insert into ANGAJATI
values (316, 'Stan', 'Georgiana', 'g.stan@gmail.com', '0749130821', to_date('04-05-2022',
'dd-mm-yyyy'), 303, 1950, 203, 'Librar');
insert into ANGAJATI
values (317, 'Dima', 'Alexandru', 'a.dima@gmail.com', '0745131821', to_date('23-11-2020',
'dd-mm-yyyy'), 304, 1900, 204, 'Librar');
insert into ANGAJATI
values (318, 'Marin', 'David', 'd.marin@gmail.com', '0745130121', sysdate, 305, 2300, 205,
'Librar');
insert into ANGAJATI
values (319, 'Toma', 'Silviu', 's.toma@gmail.com', '0736130821', sysdate, 305, 2150, 205,
'Librar');
insert into ANGAJATI
values (320, 'Toma', 'Daniel', 'd.toma@gmail.com', '0735130821', sysdate, 306, 2200, 206,
'Librar');
insert into ANGAJATI
values (321, 'Iancu', 'Elena', 'e.iancu@gmail.com', '0745130888', to_date('03-10-2021', 'dd-
mm-yyyy'), 307, 1550, 207, 'Librar');
insert into ANGAJATI
values (322, 'Nistor', 'Alexandra', 'a.nistor@gmail.com', '0749130771', to_date('03-02-2021',
'dd-mm-yyyy'), 308, 2000, 208, 'Librar');
insert into ANGAJATI

```

```
values (323, 'Ionescu', 'Denisa', 'd.ionescu@gmail.com', '0749130833',  
to_date('01-01-2022', 'dd-mm-yyyy'), 308, 1800, 208, 'Librar');  
insert into ANGAJATI  
values (324, 'Dobre', 'Matei', 'm.dobre@gmail.com', '0745130812', to_date('03-10-2018',  
'dd-mm-yyyy'), 309, 2100, 209, 'Librar');
```

```
insert into EDITURA  
values (400, 'Humanitas', to_date('01-01-1995', 'dd-mm-yyyy'));  
insert into EDITURA  
values (401, 'Libris', null);  
insert into EDITURA  
values (402, 'Kiterion', to_date('05-12-2002', 'dd-mm-yyyy'));  
insert into EDITURA  
values (403, 'Hyperion', to_date('30-07-2010', 'dd-mm-yyyy'));  
insert into EDITURA  
values (404, 'Polirom', to_date('02-08-1990', 'dd-mm-yyyy'));
```

```
insert into CATEGORIE  
values (500, 'Fantasy');  
insert into CATEGORIE  
values (501, 'Psihologie');  
insert into CATEGORIE  
values (502, 'Science Fiction');  
insert into CATEGORIE  
values (503, 'Nonfiction');  
insert into CATEGORIE  
values (504, 'Filosofie');
```

```
insert into CARTI  
values (600, 'The Three-Body Problem', 'Liu', 'Cixin', 65, 402, 502);  
insert into CARTI  
values (601, 'The Dark Forest', 'Liu', 'Cixin', 80, 400, 502);  
insert into CARTI  
values (602, 'Ball Lightning', 'Liu', 'Cixin', 73.50, 402, 502);  
insert into CARTI  
values (603, 'Sapiens', 'Harari', 'Yuval Noah', 100, 401, 503);  
insert into CARTI  
values (604, 'Homo Deus', 'Harari', 'Yuval Noah', 59.99, 404, 503);  
insert into CARTI  
values (605, 'Why We Sleep', 'Walker', 'Matthew', 43.95, 400, 501);  
insert into CARTI  
values (606, 'Republic', 'Plato', null, 38, 403, 504);  
insert into CARTI  
values (607, 'The Last Wish', 'Sapkowski', 'Andrzej', 65.99, 400, 500);  
insert into CARTI  
values (608, 'Sword of Destiny', 'Sapkowski', 'Andrzej', 78, 403, 500);  
insert into CARTI  
values (609, 'Season of Storms', 'Sapkowski', 'Andrzej', 125.59, 402, 500);
```

```
insert into STOC
```

values (2000, 600, 200, 12);
insert into STOC
values (2001, 602, 200, 7);
insert into STOC
values (2002, 608, 200, 18);
insert into STOC
values (2003, 609, 200, 3);
insert into STOC
values (2004, 606, 200, 1);
insert into STOC
values (2100, 600, 201, 1);
insert into STOC
values (2200, 604, 202, 1);
insert into STOC
values (2201, 605, 202, 5);
insert into STOC
values (2202, 606, 202, 12);
insert into STOC
values (2203, 607, 202, 9);
insert into STOC
values (2204, 609, 202, 7);
insert into STOC
values (2205, 603, 202, 7);
insert into STOC
values (2206, 601, 202, 7);
insert into STOC
values (2300, 609, 203, 1);
insert into STOC
values (2400, 603, 204, 9);
insert into STOC
values (2401, 604, 204, 2);
insert into STOC
values (2500, 601, 205, 2);
insert into STOC
values (2501, 602, 205, 5);
insert into STOC
values (2502, 603, 205, 3);
insert into STOC
values (2503, 604, 205, 9);
insert into STOC
values (2504, 605, 205, 7);
insert into STOC
values (2600, 600, 206, 1);
insert into STOC
values (2601, 605, 206, 3);
insert into STOC
values (2700, 602, 207, 1);
insert into STOC
values (2800, 603, 208, 12);
insert into STOC

```
values (2801, 604, 208, 8);  
insert into STOC  
values (2802, 605, 208, 3);
```