spool ru.log

prompt

prompt Creating table REGIUNI

prompt ======================

prompt

create table REGIUNI

(

ID\_REGIUNE NUMBER,

DENUMIRE\_REGIUNE VARCHAR2(25)

)

;

alter table REGIUNI

add constraint ID\_REGIUNE\_PK primary key (ID\_REGIUNE);

alter table REGIUNI

add constraint ID\_REGIUNE\_NN

check ("ID\_REGIUNE" IS NOT NULL);

prompt

prompt Creating table TARI

prompt ===================

prompt

create table TARI

(

ID\_TARA CHAR(2),

DENUMIRE\_TARA VARCHAR2(40),

ID\_REGIUNE NUMBER,

constraint TARA\_C\_ID\_PK primary key (ID\_TARA)

)

organization index;

alter table TARI

add constraint TARA\_REG\_FK foreign key (ID\_REGIUNE)

references REGIUNI (ID\_REGIUNE);

alter table TARI

add constraint ID\_TARA\_NN

check ("ID\_TARA" IS NOT NULL);

prompt

prompt Creating table LOCATII

prompt ======================

prompt

create table LOCATII

(

ID\_LOCATIE NUMBER(4) not null,

ADRESA VARCHAR2(40),

COD\_POSTAL VARCHAR2(12),

ORAS VARCHAR2(30),

ZONA VARCHAR2(25),

ID\_TARA CHAR(2)

)

;

alter table LOCATII

add constraint LOC\_ID\_PK primary key (ID\_LOCATIE);

alter table LOCATII

add constraint LOC\_C\_ID\_FK foreign key (ID\_TARA)

references TARI (ID\_TARA);

alter table LOCATII

add constraint LOC\_ORAS\_NN

check ("ORAS" IS NOT NULL);

create index LOC\_ORAS\_IX on LOCATII (ORAS);

create index LOC\_TARA\_IX on LOCATII (ID\_TARA);

create index LOC\_ZONA\_IX on LOCATII (ZONA);

prompt

prompt Creating table DEPARTAMENTE

prompt ===========================

prompt

create table DEPARTAMENTE

(

ID\_DEPARTAMENT NUMBER(4) not null,

DENUMIRE\_DEPARTAMENT VARCHAR2(30),

ID\_MANAGER NUMBER(6),

ID\_LOCATIE NUMBER(4)

)

;

alter table DEPARTAMENTE

add constraint DEPT\_ID\_PK primary key (ID\_DEPARTAMENT);

alter table DEPARTAMENTE

add constraint DEPT\_LOC\_FK foreign key (ID\_LOCATIE)

references LOCATII (ID\_LOCATIE);

alter table DEPARTAMENTE

add constraint DEPT\_NAME\_NN

check ("DENUMIRE\_DEPARTAMENT" IS NOT NULL);

create index DEPT\_LOCATION\_IX on DEPARTAMENTE (ID\_LOCATIE);

prompt

prompt Creating table FUNCTII

prompt ======================

prompt

create table FUNCTII

(

ID\_FUNCTIE VARCHAR2(10) not null,

DENUMIRE\_FUNCTIE VARCHAR2(35),

SALARIU\_MIN NUMBER(6),

SALARIU\_MAX NUMBER(6)

)

;

alter table FUNCTII

add constraint ID\_FUNCTIE\_PK primary key (ID\_FUNCTIE);

alter table FUNCTII

add constraint DEN\_FUNCTIE\_NN

check ("DENUMIRE\_FUNCTIE" IS NOT NULL);

prompt

prompt Creating table ANGAJATI

prompt =======================

prompt

create table ANGAJATI

(

ID\_ANGAJAT NUMBER(6) not null,

PRENUME VARCHAR2(20),

NUME VARCHAR2(25),

EMAIL VARCHAR2(25),

TELEFON VARCHAR2(20),

DATA\_ANGAJARE DATE,

ID\_FUNCTIE VARCHAR2(10),

SALARIUL NUMBER(8,2),

COMISION NUMBER(2,2),

ID\_MANAGER NUMBER(6),

ID\_DEPARTAMENT NUMBER(4)

)

;

alter table ANGAJATI

add constraint ANG\_ID\_ANGAJAT\_PK primary key (ID\_ANGAJAT);

alter table ANGAJATI

add constraint ANG\_EMAIL\_UK unique (EMAIL);

alter table ANGAJATI

add constraint ANG\_DEPT\_FK foreign key (ID\_DEPARTAMENT)

references DEPARTAMENTE (ID\_DEPARTAMENT);

alter table ANGAJATI

add constraint ANG\_FUNCTIE\_FK foreign key (ID\_FUNCTIE)

references FUNCTII (ID\_FUNCTIE);

alter table ANGAJATI

add constraint ANG\_MANAGER\_FK foreign key (ID\_MANAGER)

references ANGAJATI (ID\_ANGAJAT);

alter table ANGAJATI

add constraint ANG\_DATA\_ANG\_NN

check ("DATA\_ANGAJARE" IS NOT NULL);

alter table ANGAJATI

add constraint ANG\_EMAIL\_NN

check ("EMAIL" IS NOT NULL);

alter table ANGAJATI

add constraint ANG\_FUNCTIE\_NN

check ("ID\_FUNCTIE" IS NOT NULL);

alter table ANGAJATI

add constraint ANG\_NUME\_NN

check ("NUME" IS NOT NULL);

alter table ANGAJATI

add constraint ANG\_SALARIUL\_MIN

check (SALARIUL > 0);

create index ANG\_DEPARTAMENT\_IX on ANGAJATI (ID\_DEPARTAMENT);

create index ANG\_FUNCTIE\_IX on ANGAJATI (ID\_FUNCTIE);

create index ANG\_MANAGER\_IX on ANGAJATI (ID\_MANAGER);

create index ANG\_NUME\_IX on ANGAJATI (NUME, PRENUME);

alter table DEPARTAMENTE

add constraint DEPT\_MGR\_FK foreign key (ID\_MANAGER)

references ANGAJATI (ID\_ANGAJAT)

disable;

prompt

prompt Creating table CLIENTI

prompt ======================

prompt

create table CLIENTI

(

ID\_CLIENT NUMBER(6) not null,

PRENUME\_CLIENT VARCHAR2(20),

NUME\_CLIENT VARCHAR2(20),

TELEFON VARCHAR2(20),

LIMITA\_CREDIT NUMBER(9,2),

EMAIL\_CLIENT VARCHAR2(30),

DATA\_NASTERE DATE,

STAREA\_CIVILA VARCHAR2(20),

SEX VARCHAR2(1),

NIVEL\_VENITURI VARCHAR2(20)

)

;

alter table CLIENTI

add constraint CLIENTI\_ID\_CLIENT\_PK primary key (ID\_CLIENT);

alter table CLIENTI

add constraint CLIENTI\_LIMITA\_CREDIT\_MAX

check (LIMITA\_CREDIT <= 5000);

alter table CLIENTI

add constraint CL\_NUME\_NN

check ("NUME\_CLIENT" IS NOT NULL);

alter table CLIENTI

add constraint CL\_PRENUME\_NN

check ("PRENUME\_CLIENT" IS NOT NULL);

create index CLIENTI\_NUME\_IX on CLIENTI (UPPER(NUME\_CLIENT), UPPER(PRENUME\_CLIENT));

prompt

prompt Creating table COMENZI

prompt ======================

prompt

create table COMENZI

(

NR\_COMANDA NUMBER(12) not null,

DATA TIMESTAMP(6) WITH LOCAL TIME ZONE,

MODALITATE VARCHAR2(8),

ID\_CLIENT NUMBER(6),

STARE\_COMANDA NUMBER(2),

ID\_ANGAJAT NUMBER(6)

)

;

alter table COMENZI

add constraint COMENZI\_NR\_COMANDA\_PK primary key (NR\_COMANDA);

alter table COMENZI

add constraint COMENZI\_ID\_ANGAJAT\_FK foreign key (ID\_ANGAJAT)

references ANGAJATI (ID\_ANGAJAT) on delete set null;

alter table COMENZI

add constraint COMENZI\_ID\_CLIENT\_FK foreign key (ID\_CLIENT)

references CLIENTI (ID\_CLIENT) on delete set null;

alter table COMENZI

add constraint COMENZI\_DATA\_NN

check ("DATA" IS NOT NULL);

alter table COMENZI

add constraint COMENZI\_ID\_CLIENT\_NN

check ("ID\_CLIENT" IS NOT NULL);

alter table COMENZI

add constraint COMENZI\_MOD\_CK

check (MODALITATE in ('direct','online'));

create index COMENZI\_DATA\_IX on COMENZI (DATA);

create index COMENZI\_ID\_ANGAJAT\_IX on COMENZI (ID\_ANGAJAT);

create index COMENZI\_ID\_CLIENT\_IX on COMENZI (ID\_CLIENT);

prompt

prompt Creating table ISTORIC\_FUNCTII

prompt ==============================

prompt

create table ISTORIC\_FUNCTII

(

ID\_ANGAJAT NUMBER(6),

DATA\_INCEPUT DATE,

DATA\_SFARSIT DATE,

ID\_FUNCTIE VARCHAR2(10),

ID\_DEPARTAMENT NUMBER(4)

)

;

alter table ISTORIC\_FUNCTII

add constraint IST\_ID\_ANG\_DATA\_INC\_PK primary key (ID\_ANGAJAT, DATA\_INCEPUT);

alter table ISTORIC\_FUNCTII

add constraint IST\_ANG\_FK foreign key (ID\_ANGAJAT)

references ANGAJATI (ID\_ANGAJAT);

alter table ISTORIC\_FUNCTII

add constraint IST\_DEPT\_FK foreign key (ID\_DEPARTAMENT)

references DEPARTAMENTE (ID\_DEPARTAMENT);

alter table ISTORIC\_FUNCTII

add constraint IST\_FUNCTII\_FK foreign key (ID\_FUNCTIE)

references FUNCTII (ID\_FUNCTIE);

alter table ISTORIC\_FUNCTII

add constraint IST\_DATA\_INC\_NN

check ("DATA\_INCEPUT" IS NOT NULL);

alter table ISTORIC\_FUNCTII

add constraint IST\_DATA\_INTERVAL

check (DATA\_SFARSIT > DATA\_INCEPUT);

alter table ISTORIC\_FUNCTII

add constraint IST\_DATA\_SF\_NN

check ("DATA\_SFARSIT" IS NOT NULL);

alter table ISTORIC\_FUNCTII

add constraint IST\_ID\_ANG\_NN

check ("ID\_ANGAJAT" IS NOT NULL);

alter table ISTORIC\_FUNCTII

add constraint IST\_ID\_FUNCTIE\_NN

check ("ID\_FUNCTIE" IS NOT NULL);

create index IST\_ANGAJAT\_IX on ISTORIC\_FUNCTII (ID\_ANGAJAT);

create index IST\_DEPARTAMENT\_IX on ISTORIC\_FUNCTII (ID\_DEPARTAMENT);

create index IST\_FUNCTIE\_IX on ISTORIC\_FUNCTII (ID\_FUNCTIE);

prompt

prompt Creating table PRODUSE

prompt ======================

prompt

create table PRODUSE

(

ID\_PRODUS NUMBER(6) not null,

DENUMIRE\_PRODUS VARCHAR2(50),

DESCRIERE VARCHAR2(2000),

CATEGORIE VARCHAR2(40),

PRET\_LISTA NUMBER(8,2),

PRET\_MIN NUMBER(8,2)

)

;

alter table PRODUSE

add constraint PRODUSE\_ID\_PRODUS\_PK primary key (ID\_PRODUS);

prompt

prompt Creating table RAND\_COMENZI

prompt ===========================

prompt

create table RAND\_COMENZI

(

NR\_COMANDA NUMBER(12) not null,

ID\_PRODUS NUMBER(6) not null,

PRET NUMBER(8,2),

CANTITATE NUMBER(8)

)

;

alter table RAND\_COMENZI

add constraint PROD\_COM\_PK primary key (NR\_COMANDA, ID\_PRODUS);

alter table RAND\_COMENZI

add constraint PROD\_COM\_ID\_PRODUS\_FK foreign key (ID\_PRODUS)

references PRODUSE (ID\_PRODUS);

alter table RAND\_COMENZI

add constraint PROD\_COM\_NR\_COMANDA\_FK foreign key (NR\_COMANDA)

references COMENZI (NR\_COMANDA) on delete cascade;

alter table RAND\_COMENZI

add constraint PROD\_COM\_CANTITATE\_CK

check (CANTITATE>=0);

alter table RAND\_COMENZI

add constraint PROD\_COM\_PRET\_CK

check (PRET>=0);

create index PROD\_COM\_ID\_PRODUS\_IX on RAND\_COMENZI (ID\_PRODUS);

create index PROD\_COM\_NR\_COMANDA\_IX on RAND\_COMENZI (NR\_COMANDA);

spool off