create table angajat\_bai (

cod\_ang number(4) primary key,

nume varchar(20) not null,

prenume varchar2(20),

email char(15),

data\_ang date default sysdate,

job varchar2(10),

cod\_sef number(4),

salariu number(8, 2) not null,

cod\_dep number(2)

)

insert into angajati\_bai (cod\_ang, nume, prenume, job, salariu, cod\_dep)

values (100, 'Nume1', 'Prenume1','Director', 20000, 10);

insert into angajati\_bai (cod\_ang, nume, prenume, job, data\_ang, salariu, cod\_dep)

values (101, 'Nume2', 'Prenume2', 'Inginer', to\_date('02-02-2004'-'dd-mm-yyyy'), 10000, 10);

insert into angajati\_bai (cod\_ang, nume, prenume, job, data\_ang, salariu, cod\_sef, cod\_dep)

values (102, 'Nume3', 'Prenume3', 'Analist', to\_date('05-06-2000'-'dd-mm-yyyy'), 5000, 101, 20);

insert into angajati\_bai (cod\_ang, nume, prenume, email, job, data\_ang, salariu, cod\_sef, cod\_dep)

values (103, 'Nume4', 'Prenume4',null, 'Inginer' , null, 9000, 101, 20);

commit;

select \* from angajati\_bai;

------------------------------------------------------------

alter table angajati\_bai

add (commission number(4, 2));

alter table angajati\_bai

modify (salariu number (6,2));

alter table angajati\_bai

modify (salariu default 99999.90);

insert into angajati\_bai (cod\_ang, nume, prenume, email, job, data\_ang, cod\_sef, cod\_dep)

values (105, 'Nume5', 'Prenume5',null, 'Inginer' , null, 101, 20);

commit;

--7. Modificaţi tipul coloanei comision în NUMBER(2, 2) şi al coloanei salariu la NUMBER(10,2), în cadrul aceleiaşi instrucţiuni.

alter table angajati\_bai

modify (salariu number(10,2), comision number(2, 2));

== modif continut -> delete

== structura ->drop

-- 8

update angajati\_bai

set commission= 0.1

where upper (job) like ‚A%’

-- delete from angajati\_bai

Rollback

--15

Create table departamente\_bai

(cod\_dep number(2),

nume varchar2(15),

cod\_director number(4)

constraint pk\_dep\_bai primary key (cod\_dep)

);

* Constrangeri la creare

Create table departamente\_bai

(cod\_dep number(2),

nume varchar2(15),

cod\_director number(4),

constraint pk\_dep\_bai primary key (cod\_dep),

constraint u\_dep\_bai unique (nume),

constraint c\_dep\_bai check(cod\_director is null or cod\_director > 100),

constraint fk1\_dep\_bai foreign key (cod\_director) references angajati\_bai(cod)

);

* See all constraints

select \* from user\_constraints;

-- adaugare cheie externa

Alter table angajati\_bai

Ad contraint fk\_ang\_bai foreign key (cod\_dep) references departamente\_bai2(cod\_dep);

--nu se poate adauga nu poate fi validata exista inregistrari in ang cu departamente care nu sunt in tabelul departamente\_bai2

-- asa merge ok!

Alter table angajati\_bai

Ad contraint fk\_ang\_bai foreign key (cod\_dep) references departamente\_bai2(cod\_dep) novalidate ;

Insert into departamente\_bai2(cod\_dep, nume) values (10, ‚dep10’);

Insert into departamente\_bai2(cod\_dep, nume) values (20, ‚dep20’);

Insert into departamente\_bai2(cod\_dep, nume) values (30, ‚dep30’);

Alter table angajati\_bai --erroare

Modify constraint fk\_ang\_bai validate;

Alter table angajati\_bai --eroare

drop constraint fk\_ang\_bai;

Alter table angajati\_bai --sterg si fiilor le updatez !!!!!!!!!

add constraint fk\_ang\_bai foreign key (cod\_dep) references departamente\_bai2(cod\_dep) on delete set null;