create table table1 (

rabotnik varchar(10) not null, not null запрет пустых полей

usluga varchar (15) not null,

stoimost integer,

vremya\_okazaniya\_uslugi integer);

alter table table1 add constraint pk1 primary key (rabotnik, usluga); constraint-ограничение целостости

alter table table1 add check(stoimost>=0);

alter table table1 add check(vremya\_okazaniya\_uslugi>=0);

Check позволяет задать ограничения для задания ,которое будет храниться в поле (больше или равно 0)

create table table2 (

rabotnik varchar(10) not null,

den\_raboty varchar(15));

alter table table2 add constraint pk2 primary key (rabotnik);

create table table3 (

den\_raboty varchar(15)

vremya\_raboty\_s integer

vremya\_raboty\_do integer);

alter table table3 add constraint pk3 primary key (den\_raboty);

alter table table3 add constraint check(vremya\_raboty\_s>=0);

alter table table3 add constraint check(vremya\_raboty\_do>=0);

alter table table1 add fk1 foreign key (rabotnik) references table2 (rabotnik);

alter table table2 add fk1 foreign key (den\_raboty) references table3 (den\_raboty);

insert into table3

values('ponedelnik', 10, 14);

insert into table3

values('sreda', 12, 16);

insert into table3

values('pyatnica', 14, 18);

insert into table2

values('Nikitina', 'ponedelnik');

insert into table2

values('Zhahalova', 'sreda');

insert into table2

values('Karataeva', 'pyatnica');

insert into table1

values('Nikitina', 'strizhka', 800, 30);

insert into table1

values('Nikitina', 'pokraska', 1000, 60);

insert into table1

values('Zhahalova', 'milirovanie', 900, 60);

insert into table1

values('Zhahalova', 'strizhka', 600, 20);

insert into table1

values('Karataeva', 'manikur', 500, 30);

create trigger vremya\_raboty for table3

active before insert

as

begin

if

( new.vremya\_raboty\_s>new.vremya\_raboty\_do) then

new.vremya\_raboty\_do = new.vremya\_raboty\_s;

end;

create trigger vremya\_raboty\_update for table3

active before update

as

begin

if

( new.vremya\_raboty\_s>new.vremya\_raboty\_do) then

new.vremya\_raboty\_do = new.vremya\_raboty\_s;

end;