create table qualification(

id int primary key identity(1,1),

name nvarchar(80) not null,

)

create table instructor(

id int primary key identity(1,1),

name nvarchar(50) not null,

surname nvarchar(50) not null,

father\_name nvarchar(50) not null,

pin char(7) unique not null,

phone\_number char(10) not null,

dateofbirth date not null,

qualification\_id int FOREIGN KEY references qualification(id),

seniority tinyint not null,

status bit default 1

)

create table university(

id int primary key identity(1,1),

name nvarchar(100) not null

)

create table student(

id int primary key identity(1,1),

name nvarchar(50) not null,

surname nvarchar(50) not null,

father\_name nvarchar(50) not null,

pin char(7) unique not null,

university\_id int FOREIGN KEY references university(id),

qualification\_id int not null,

adress nvarchar(100) not null,

phone\_number char(10) not null,

email varchar(70) not null,

)

create table package(

id int primary key identity(1,1),

name nvarchar(50) not null,

price float not null,

period varchar not null

)

create table section(

id int primary key identity(1,1),

name nvarchar(50) not null

)

create table topic(

id int primary key identity(1,1),

name nvarchar(50) not null

)

create table package\_section(

id int primary key identity(1,1),

package\_id int foreign key references package(id),

section\_id int foreign key references section(id)

)

create table package\_topic(

id int primary key identity(1,1),

package\_id int foreign key references package(id),

topic\_id int foreign key references topic(id)

)

create table registration(

id int primary key identity(1,1),

student\_id int foreign key references student(id),

package\_id int foreign key references package(id),

contract\_date date not null,

sale float default 0,

status bit default 1,

instructor\_id int foreign key references instructor(id)

)

create table payment(

id int primary key identity(1,1),

registration\_id int foreign key references registration(id),

date date default getdate(),

price float not null

)

create table video(

id int primary key identity(1,1),

name varchar(100) not null,

link varchar(200) not null,

)

create table topic\_video(

id int primary key identity(1,1),

video\_id int not null,

topic\_id int not null

)



1.Full stack paketi ucun qeydiyyatdan kecen telebelerin sayini tapin:

select count(registration.student\_id) from package,registration where package.name='Full Stack' and package.id=registration.package\_id

2.Kursun ayliq dovriyyesini hesablayin

select sum(package.price) from registration,package where package.id=registration.package\_id and registration.status=1

3.Odenis vaxtina 3 gun qalan telebelerin siyahisini tapin

select student.\* from student,payment where datediff(day,payment.date,GETDATE())=27

4.Odenis vaxtindan kecen telebelerin siyahisini tapin

select student.\* from student,payment where datediff(MONTH,payment.date,GETDATE())>1

5.Telimcilerin kursdan aldigi maas her telebenin ayliq odenisinin 50%-I oldugunu bilerek onlarin maaslarini hesablayin

select sum(package.price)\*50/100 from registration,package where package.id=registration.package\_id and registration.status=1 and registration.instructor\_id=1

6.Son 1 ayliq odenisi qalan telebelerin siyahisi

Select student.\* from student,registration,payment where DATEDIFF(MONTH,payment.date,registration.contract\_date)=1

7.Hal-hazirda kursun nece telebesi var

select count(student\_id) from registration where DATEDIFF(day,GETDATE(),registration.contract\_date)>0

8.Her paket uzre her telimcinin ders kecdiyi telebe sayini tapin

select count(student\_id) from registration where registration.package\_id=1 and registration.instructor\_id=1

9.Her paket uzre her bolmenin her movzusu uzre nece video derslik var.

select count(id) from video where video.package\_id=2 and video.section\_id=2 and video.topic\_id=1