use master

go

if DB\_ID('TestWork') is not null

drop database TestWork

create database TestWork

go

use TestWork

go

if OBJECT\_ID('dbo.Tenants','U') is not null

drop table dbo.Tenants

create table dbo.Tenants

(

TenantId int not null identity,

TenantName nvarchar(128) not null,

TenantAdress nvarchar(128),

constraint PK\_Tenants primary key(TenantId)

)

if OBJECT\_ID('dbo.Contracts','U') is not null

drop table dbo.Contracts

create table dbo.Contracts

(

ContractId int not null identity,

ContracNumber nvarchar(64) not null,

ContractStartRent date,

ContractEndRent date,

ContractRatePerMonth decimal,

DecisionNumber nvarchar(128),

TenantId int not null,

constraint PK\_Contract primary key(ContractId),

constraint FK\_TenantId foreign key (TenantId ) references Tenants(TenantId )

)

if OBJECT\_ID('dbo.RentObjects','U') is not null

drop table dbo.RentObjects

create table dbo.RentObjects

(

RentObjectId int not null identity,

RentObjectAdress nvarchar(128) not null,

RentObjectSquare decimal default 0,

constraint PK\_RentObject primary key(RentObjectId)

)

if OBJECT\_ID('dbo.RentObjectContracts','U') is not null

drop table dbo.RentObjectContracts

create table dbo.RentObjectContracts

(

RentObjectId int not null,

ContractId int not null

constraint PK\_RentObjectContracts primary key(RentObjectId,ContractId),

constraint FK\_RentObjectContracts\_RentObjectId foreign key (RentObjectId) references RentObjects(RentObjectId),

constraint FK\_RentObjectContracts\_ContractId foreign key (ContractId) references Contracts(ContractId )

)

if OBJECT\_ID('dbo.RentalAccrual','U') is not null

drop table dbo.RentalAccrual

create table dbo.RentalAccrual

(

RentalAccrualId int not null identity,

Period date not null,

AccrualDate date not null,

ContractId int not null,

SumAccural decimal,

constraint PK\_RentalAccrual primary key(RentalAccrualId),

constraint FK\_RentalAccrual\_ContractId foreign key (ContractId ) references Contracts(ContractId )

)

if OBJECT\_ID('dbo.RentPayments','U') is not null

drop table dbo.RentPayments

create table dbo.RentPayments

(

RentPaymentId int not null identity,

PaymentDate date not null,

TenantId int not null,

SumPayment decimal,

RentalAccrualId int not null,

constraint PK\_RentPayments primary key(RentPaymentId),

constraint FK\_RentPayments\_RentalAccrualId foreign key (RentalAccrualId ) references RentalAccrual(RentalAccrualId ),

constraint FK\_RentPayments\_TenantId foreign key (TenantId) references Tenants(TenantId)

)

