Министерство науки и высшего образования Российской Федерации

Федеральное государственное бюджетное образовательное учреждение высшего образования «Российский экономический университет имени Г.В. Плеханова»

Московский приборостроительный техникум

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| УТВЕРЖДАЮ  Преподаватель |  |  |  | УТВЕРЖДАЮ  Преподаватель |
|  |  |  |  |  |
| \_\_\_\_\_\_\_\_\_\_ А.А. Шимбирёв |  |  |  | \_\_\_\_\_\_\_\_\_\_ А.А. Комаров |
|  |  |  |  |  |
| «\_\_\_» \_\_\_\_\_\_\_\_\_\_20\_\_ г. |  |  |  | «\_\_\_» \_\_\_\_\_\_\_\_\_\_20\_\_ г. |

Информационная система строительной организации

Скрипт базы данных

ЛИСТ УТВЕРЖДЕНИЯ

МПТ УП 02.01 П50-2-18 23-ЛУ

Листов 19

|  |  |
| --- | --- |
|  | Менеджер проекта, студент группы П50-2-18 |
|  |  |
|  | \_\_\_\_\_\_\_\_\_\_ А.М. Суслин |
|  |  |
|  | «\_\_\_» \_\_\_\_\_\_\_\_\_\_20\_\_ г. |
|  | Ответственный исполнитель, студент группы П50-2-18 |
|  |  |
|  | \_\_\_\_\_\_\_\_\_\_ Д.М. Балаев |
|  |  |
|  | «\_\_\_» \_\_\_\_\_\_\_\_\_\_20\_\_ г. |

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ПРИЛОЖЕНИЕ Е. СКРИПТ БАЗЫ ДАННЫХ

Министерство науки и высшего образования Российской Федерации

Федеральное государственное бюджетное образовательное учреждение высшего образования «Российский экономический университет имени Г.В. Плеханова»

Московский приборостроительный техникум

УТВЕРЖДЕН

МПТ УП 02.01 П50-2-18 23-ЛУ

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МПТ УП 02.01 П50-2-18 23

Листов 19

2021

## АННОТАЦИЯ

В данном программном документе приведен скрипт базы данных информационной системы «Информационная система строительной организации «DP Repair Kit».

В данном программном документе, в разделе «СКРИПТ БАЗЫ ДАННЫХ» указаны: Наименование скрипта, область применения скрипта, скрипт.

Содержание

[АННОТАЦИЯ 3](#_Toc65222367)

[1. СКРИПТ БАЗЫ ДАННЫХ 5](#_Toc65222368)

[1.1. Наименование скрипта 5](#_Toc65222369)

[1.2. Область применения скрипта 5](#_Toc65222370)

[1.3. Скрипт 5](#_Toc65222371)

## СКРИПТ БАЗЫ ДАННЫХ

### 1.1. Наименование скрипта

Наименование – «Script\_BD.sql».

### 1.2. Область применения скрипта

Скрипт предназначен для программы «Информационная система строительной организации «DP Repair Kit».

### 1.3. Скрипт

set ansi\_nulls on

go

set quoted\_identifier on

go

set ansi\_padding on

go

create database [DP\_Repair\_Kit]

go

use [DP\_Repair\_Kit]

go

create table [dbo].[Role]

(

[ID\_Role] [int] not null identity(1,1),

[Name] [varchar] (50) not null UNIQUE,

constraint [PK\_Role] primary key clustered

([ID\_Role] ASC) on [PRIMARY]

)

go

create table [dbo].[Dolznost]

(

[ID\_Dolznosti] [int] not null identity(1,1),

[Name] [varchar] (50) not null UNIQUE,

constraint [PK\_Dolznost] primary key clustered

([ID\_Dolznosti] ASC) on [PRIMARY]

)

go

create table [dbo].[Sotrudnic]

(

[ID\_Sotrudnica] [int] not null identity(1,1),

[Familiya] [varchar] (50) not null,

[ID\_Dolznosti] [int] not null,

[Ima] [varchar] (50) not null,

[Otchestvo] [varchar] (50) null,

[Nomer\_Telefona] [varchar] (50) null,

[Login] [varchar] (50) not null,

[Password] [varchar] (50) not null,

[ID\_Role][int] not null

constraint [PK\_Sotrudnic] primary key clustered

([ID\_Sotrudnica] ASC) on [PRIMARY],

constraint [FK\_Dolznosti\_Sotrudnic] foreign key ([ID\_Dolznosti])

references [dbo].[Dolznost] (ID\_Dolznosti) ON DELETE CASCADE,

constraint [FK\_Role\_Sotrudnic] foreign key ([ID\_Role])

references [dbo].[Role] (ID\_Role) ON DELETE CASCADE

)

go

create table [dbo].[Brigadir]

(

[ID\_Brigadira] [int] not null identity(1,1),

[ID\_Sotrudnica] [int] not null,

constraint [PK\_Brigadir] primary key clustered

([ID\_Brigadira] ASC) on [PRIMARY],

constraint [FK\_Sotrudnic\_Brigadir] foreign key ([ID\_Sotrudnica])

references [dbo].[Sotrudnic] (ID\_Sotrudnica) ON DELETE CASCADE

)

go

create table [dbo].[Sostav\_Brigadi]

(

[ID\_Sostav\_Brigadi] [int] not null identity(1,1),

[ID\_Brigadira] [int] not null,

[ID\_Sotrudnica] [int] not null

constraint [PK\_Sostav\_Brigadi] primary key clustered

([ID\_Sostav\_Brigadi] ASC) on [PRIMARY],

constraint [FK\_Brigadira\_Sostav\_Brigadi] foreign key ([ID\_Brigadira])

references [dbo].[Brigadir] (ID\_Brigadira) ON DELETE CASCADE,

constraint [FK\_Sotrudnic\_Sostav\_Brigadi] foreign key ([ID\_Sotrudnica])

references [dbo].[Sotrudnic] (ID\_Sotrudnica) ON UPDATE NO ACTION

)

go

create table [dbo].[Vid\_Rabot]

(

[ID\_Vida] [int] not null identity(1,1),

[Name] [varchar] (100) not null UNIQUE,

constraint [PK\_Vid\_Rabot] primary key clustered

([ID\_Vida] ASC) on [PRIMARY]

)

go

create table [dbo].[Rabota\_Brigadi]

(

[ID\_Raboti] [int] not null identity(1,1),

[ID\_Brigadira] [int] not null,

[ID\_Vida] [int] not null

constraint [PK\_Rabota\_Brigati] primary key clustered

([ID\_Raboti] ASC) on [PRIMARY],

constraint [FK\_Brigadira\_Rabota\_Brigati] foreign key ([ID\_Brigadira])

references [dbo].[Brigadir] (ID\_Brigadira) ON DELETE CASCADE,

constraint [FK\_Vida\_Rabota\_Brigati] foreign key ([ID\_Vida])

references [dbo].[Vid\_Rabot] (ID\_Vida) ON DELETE CASCADE

)

go

create table [dbo].[Stroitelnaya\_Tekhnica]

(

[ID\_Teknici] [int] not null identity(1,1),

[Name] [varchar] (100) not null UNIQUE,

constraint [PK\_Stroitelnaya\_Tekhnica] primary key clustered

([ID\_Teknici] ASC) on [PRIMARY]

)

go

create table [dbo].[Uchastok]

(

[ID\_Uchastka] [int] not null identity(1,1),

[ID\_Sotrudnica] [int] not null,

[Name] [varchar] (100) not null UNIQUE,

constraint [PK\_Uchastok] primary key clustered

([ID\_Uchastka] ASC) on [PRIMARY],

constraint [FK\_Sotrudnic\_Uchastok] foreign key ([ID\_Sotrudnica])

references [dbo].[Sotrudnic] (ID\_Sotrudnica) ON DELETE CASCADE

)

go

create table [dbo].[Tekhnica\_Na\_Uchastke]

(

[ID\_Tekhnica\_Na\_Uchastke] [int] not null identity(1,1),

[Kolichestvo] [int] not null,

[ID\_Uchastka] [int] not null,

[ID\_Teknici] [int] not null,

constraint [PK\_Tekhnica\_Na\_Uchastke] primary key clustered

([ID\_Tekhnica\_Na\_Uchastke] ASC) on [PRIMARY],

constraint [FK\_Uchastka\_Tekhnica\_Na\_Uchastke] foreign key ([ID\_Uchastka])

references [dbo].[Uchastok] (ID\_Uchastka) ON DELETE CASCADE,

constraint [FK\_Teknici\_Tekhnica\_Na\_Uchastke] foreign key ([ID\_Teknici])

references [dbo].[Stroitelnaya\_Tekhnica] (ID\_Teknici) ON DELETE CASCADE

)

go

create table [dbo].[Tip\_Obyekta]

(

[ID\_Tipa\_Obyekta] [int] not null identity(1,1),

[Name] [varchar] (100) not null UNIQUE,

constraint [PK\_Tip\_Obyekta] primary key clustered

([ID\_Tipa\_Obyekta] ASC) on [PRIMARY]

)

go

create table [dbo].[Stroitelniy\_Object]

(

[ID\_Objecta] [int] not null identity(1,1),

[ID\_Tipa\_Obyekta] [int] not null,

[ID\_Uchastka] [int] not null,

[Status] [varchar] (50) not null,

constraint [PK\_Stroitelniy\_Object] primary key clustered

([ID\_Objecta] ASC) on [PRIMARY],

constraint [FK\_Tipa\_Obyekta\_Stroitelniy\_Object] foreign key ([ID\_Tipa\_Obyekta])

references [dbo].[Tip\_Obyekta] (ID\_Tipa\_Obyekta) ON DELETE CASCADE,

constraint [FK\_Uchastka\_Stroitelniy\_Object] foreign key ([ID\_Uchastka])

references [dbo].[Uchastok] (ID\_Uchastka) ON DELETE CASCADE

)

go

create table [dbo].[Zakazchik]

(

[ID\_Zakazchika] [int] not null identity(1,1),

[Name] [varchar] (100) not null ,

[INN\_Number] [varchar] (20) not null UNIQUE,

[Phone\_Number] [varchar] (20) not null,

constraint [PK\_Zakazchik] primary key clustered

([ID\_Zakazchika] ASC) on [PRIMARY]

)

go

create table [dbo].[Dogovor]

(

[ID\_Dogovora] [int] not null identity(1,1),

[Data\_Zacluchenia\_Dogovora] [varchar] (100) not null,

[ID\_Objecta] [int] not null,

[ID\_Zakazchika] [int] not null

constraint [PK\_Dogovor] primary key clustered

([ID\_Dogovora] ASC) on [PRIMARY],

constraint [FK\_Stroitelniy\_Object\_Dogovor] foreign key ([ID\_Objecta])

references [dbo].[Stroitelniy\_Object] (ID\_Objecta) ON DELETE CASCADE,

constraint [FK\_Zakazchik\_Dogovor] foreign key ([ID\_Zakazchika])

references [dbo].[Zakazchik] (ID\_Zakazchika) ON DELETE CASCADE

)

go

create table [dbo].[Raboti\_Na\_Obiecte]

(

[ID\_Raboti\_Na\_Obiecte] [int] not null identity(1,1),

[ID\_Objecta] [int] not null,

[ID\_Raboti] [int] not null,

[Status] [varchar] (100) not null,

[Srok\_Vipolnenia\_Rabot] [date] not null,

[Prioritet] [int] not null

constraint [PK\_Raboti\_Na\_Obiecte] primary key clustered

([ID\_Raboti\_Na\_Obiecte] ASC) on [PRIMARY],

constraint [FK\_Rabota\_Brigadi\_Raboti\_Na\_Obiecte] foreign key ([ID\_Raboti])

references [dbo].[Rabota\_Brigadi] (ID\_Raboti) ON DELETE CASCADE,

constraint [FK\_Stroitelniy\_Object\_Raboti\_Na\_Obiecte] foreign key ([ID\_Objecta])

references [dbo].[Stroitelniy\_Object] (ID\_Objecta)

)

go

create table [dbo].[Sdacha\_Rabot]

(

[ID\_Sdachi\_Rabot] [int] not null identity(1,1),

[Data\_Sdachi] [date] not null,

[ID\_Raboti\_Na\_Obiecte] [int] not null UNIQUE,

constraint [PK\_Sdacha\_Rabot] primary key clustered

([ID\_Sdachi\_Rabot] ASC) on [PRIMARY],

constraint [FK\_Raboti\_Na\_Obiecte\_Sdacha\_Rabot] foreign key ([ID\_Raboti\_Na\_Obiecte])

references [dbo].[Raboti\_Na\_Obiecte] (ID\_Raboti\_Na\_Obiecte) ON DELETE CASCADE,

)

go

create table [dbo].[Material]

(

[ID\_Materiala] [int] not null identity(1,1),

[Name] [varchar] (100) not null UNIQUE,

constraint [PK\_Material] primary key clustered

([ID\_Materiala] ASC) on [PRIMARY]

)

go

create table [dbo].[Rashod\_Materialov]

(

[ID\_Rashoda\_Materialov] [int] not null identity(1,1),

[Kolichestvo] [int] not null,

[ID\_Materiala] [int] not null,

[ID\_Sdachi\_Rabot] [int] not null

constraint [PK\_Rashod\_Materialo] primary key clustered

([ID\_Rashoda\_Materialov] ASC) on [PRIMARY],

constraint [FK\_Materiala\_Rashod\_Materialov] foreign key ([ID\_Materiala])

references [dbo].[Material] (ID\_Materiala) ON DELETE CASCADE,

constraint [FK\_Sdachi\_Rabot\_Rashod\_Materialov] foreign key ([ID\_Sdachi\_Rabot])

references [dbo].[Sdacha\_Rabot] (ID\_Sdachi\_Rabot) ON DELETE CASCADE

)

go

create table [dbo].[Unicalnie\_Atributi]

(

[ID\_Atributa] [int] not null identity(1,1),

[Name] [varchar] (100) not null UNIQUE,

constraint [PK\_Unicalnie\_Atributi] primary key clustered

([ID\_Atributa] ASC) on [PRIMARY]

)

go

create table [dbo].[Perechen\_Atributuv]

(

[ID\_Perechena\_Atributuv] [int] not null identity(1,1),

[ID\_Objecta] [int] not null,

[ID\_Atributa] [int] not null,

[Value] [varchar] (100) not null,

constraint [PK\_Perechen\_Atributuv] primary key clustered

([ID\_Perechena\_Atributuv] ASC) on [PRIMARY],

constraint [FK\_Stroitelniy\_Object\_Perechen\_Atributuv] foreign key ([ID\_Objecta])

references [dbo].[Stroitelniy\_Object] (ID\_Objecta) ON DELETE CASCADE,

constraint [FK\_Unicalnie\_Atributi\_Perechen\_Atributuv] foreign key ([ID\_Atributa])

references [dbo].[Unicalnie\_Atributi] (ID\_Atributa) ON DELETE CASCADE

)

go

INSERT INTO [dbo].[Dolznost]

VALUES

('Администратор информационной системы'),

('Глава строительного управления'),

('Начальник участка'),

('Бригадир'),

('Менеджер по работе с клиентами'),

('HR менеджер'),

('Мастер'),

('Техник'),

('Слеварь'),

('Сантехник')

go

INSERT INTO [dbo].[Role]

VALUES

('Инженерно-технический'),

('Рабочий')

go

INSERT INTO [dbo].[Sotrudnic]

VALUES

('Грецук',1,'Максим','Викторович','','AdminGercMV','admin2002',1),

('Иванов',2,'Иван','Иванович','','GlavStroi','GlavSt21',2),

('Ришевич',3,'Иван','Викторович','','NachYch','nachYchastocIvan',2),

('Кулибаев',4,'Максим','Иванович','','BrigadiresKMI','KylibMacsIvan',2),

('Мекан',4,'Максим','Юргенович','','UrgenBrig','Urgen1997',2),

('Менков',4,'Иван','Иванович','','MencovIvan4','MencIvanov',2),

('Мекан',4,'Максим','Юргенович','','MenkavMaks','MenkavMaks4Urg',2),

('Гариков',5,'Михаимл','Дмитреевич','','MenagerGaricMixail','GaricMixDmit',1),

('Аменков',6,'Максим','Максимович','','HRManagerAmenc','AmencovMaksimMaks',1),

('Болотов',7,'Герман','Викторович','','MasterBolot','MasterBolot288',2),

('Пекарев',8,'Дмирий','Генадьевич','','TexnicPescov','TexnicPescov222',2),

('Чубасов',9,'Антон','Артемович','','SlesChue','SlecAntonAmenc',2),

('Екопиев',10,'Антон','Дмитреевич','','SlesChue','SlecAntonAmenc',2),

('Юмихаев',3,'Антон','Олегови','','UmixAnton','UmixAnton22',2),

('Раевских',3,'Дмитрий','Олегович','','Raevscix','Raevscix222',2)

INSERT INTO [dbo].[Brigadir]

VALUES

(4),(5),(6),(7)

go

INSERT INTO [dbo].[Sostav\_Brigadi]

VALUES

(1,10),(2,11),

(3,12),(4,13)

go

INSERT INTO [dbo].[Vid\_Rabot]

VALUES

('Оконные'),

('Слесарные'),

('Деревянные'),

('Каменные'),

('Строительные'),

('Отделочные'),

('Геодезические'),

('Земляные'),

('Монтажные'),

('Кровельные'),

('Подготовительные'),

('Бетонные'),

('Железные')

go

INSERT INTO [dbo].[Rabota\_Brigadi]

VALUES

(1,1),(1,2),

(2,3),(3,4),

(3,6),(4,7)

go

INSERT INTO [dbo].[Uchastok]

VALUES

(3,'Аллые паруса'),

(14,'23-33-76'),

(15, 'Земельные-23')

go

INSERT INTO [dbo].[Stroitelnaya\_Tekhnica]

VALUES

('Кран'),

('Эсковатор'),

('Грузовик'),

('Бур'),

('Подъемник'),

('Транеции'),

('Бульдозер'),

('Гидравлический молот'),

('Погрущики'),

('Автовышки'),

('Бетономешалка')

go

INSERT INTO [dbo].[Tekhnica\_Na\_Uchastke]

VALUES

(123,1,1),

(12,1,2),

(13,1,3),

(20,2,4),

(10,3,5)

go

INSERT INTO [dbo].[Tip\_Obyekta]

VALUES

('Мост'),

('Школа'),

('Бизнес оффис'),

('Жилой дом'),

('Дачный домик'),

('Сарай'),

('Торговый центр'),

('Бомбо убежеще')

go

INSERT INTO [dbo].[Stroitelniy\_Object]

VALUES

(1,2,'Выполняется'),

(2,1,'Выполняется'),

(3,3,'Выполняется'),

(5,3,'Выполняется'),

(7,2,'Выполняется')

go

INSERT INTO [dbo].[Unicalnie\_Atributi]

VALUES

('Этажность'),

('Степень прочности'),

('Материал'),

('Колличество квартир'),

('Колличество подъездов'),

('Высота'),

('Занимаемая площадь на теретории'),

('Колличество квадратных метров в общем')

go

INSERT INTO [dbo].[Perechen\_Atributuv]

VALUES

(1,1,12),

(1,2,17),

(1,3,22),

(2,4,12),

(2,5,2),

(3,6,1)

go

INSERT INTO [dbo].[Zakazchik]

VALUES

('ООО.ГурСтрой',1111111111,'8(985) 543-80-98'),

('ФГБО Школа 12344',1111211111,'8(985) 513-80-98'),

('ИП.Москвич',1111121111,'8(985) 563-80-98'),

('Физ лицо Белков.В.В',1121111111,'8(985) 543-10-98'),

('ИП.Руболов',1111111114,'8(985) 543-80-98'),

('ООО.Гром и молния',1111411111,'8(985) 543-80-98')

go

INSERT INTO [dbo].[Dogovor]

VALUES

('20.09.2002',1,2),

('20.09.2002',2,3),

('20.09.2002',3,2)

go

INSERT INTO [dbo].[Material]

VALUES

('Дуб'),

('Сосна'),

('Ель'),

('Бетон'),

('Штыри'),

('Метал'),

('Ленолиум'),

('Двери'),

('Кирпич'),

('Кафель')

go

INSERT INTO [dbo].[Raboti\_Na\_Obiecte]

VALUES

(1,1,'Работа выполнена','20.05.2002',0),

(1,2,'Работа выполняется','21.01.2002',1),

(1,3,'Работа выполнена','22.02.2012',2),

(1,2,'Работа выполняется','23.03.2009',3),

(2,5,'Работа выполнена','10.08.2009',4),

(2,6,'Работа выполняется','09.10.2019',1),

(2,2,'Работа выполняется','02.03.2009',0),

(2,3,'Работа выполняется','07.03.2009',1)

go

INSERT INTO [dbo].[Sdacha\_Rabot]

VALUES

('21.05.2002',1),

('21.12.2001',5),

('21.12.2001',3)

go

INSERT INTO [dbo].[Rashod\_Materialov]

VALUES

(2,2,1),

(7,3,1),

(8,1,1),

(12,5,2),

(66,6,2),

(14,10,3),

(12,8,3),

(27,7,3)

go

--Начальник бригады ФИО

create or alter view [dbo].[Chief\_Brigades] ("ФИО начальника должность")

as

select

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1)+'.'+SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'. '+

[dbo].[Dolznost].[Name]

from [dbo].[Sotrudnic]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] = [dbo].[Dolznost].[ID\_Dolznosti]

where [dbo].[Dolznost].[Name] = 'Бригадир'

go

--Вывод рабочих

create or alter view [dbo].[Employee\_Raboch\_Inform] ("ФИО должность сотрудника")

as

select

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1) + '.' + SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'. '+

[dbo].[Dolznost].[Name]

from [dbo].[Sotrudnic]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] = [dbo].[Dolznost].[ID\_Dolznosti]

inner join [dbo].[Role] on [dbo].[Sotrudnic].[ID\_Role] = [dbo].[Role].[ID\_Role]

where

[dbo].[Role].[Name] = 'Рабочий' and

[dbo].[Dolznost].[Name] != 'HR менеджер' and

[dbo].[Dolznost].[Name] != 'Администратор информационной системы'and

[dbo].[Dolznost].[Name] != 'Глава строительного управления' and

[dbo].[Dolznost].[Name] != 'Начальник участка' and

[dbo].[Dolznost].[Name] != 'Бригадир' and

[dbo].[Dolznost].[Name] != 'Менеджер по работе с клиентами'

go

--Вывод рабочих у бригадира в Бригадир на основе id бригадира

create or alter function [dbo].[Output\_Workers] (@idBrigadir [int])

returns table

as

return(

select

[dbo].[Sotrudnic].[Familiya] "Фамилия",

[dbo].[Sotrudnic].[Ima] "Имя",

[dbo].[Dolznost].[Name] as "Должность"

from [dbo].[Sostav\_Brigadi]

inner join [dbo].[Sotrudnic] on [dbo].[Sostav\_Brigadi].[ID\_Sotrudnica] = [dbo].[Sotrudnic].[ID\_Sotrudnica]

inner join [dbo].[Brigadir] on [dbo].[Sostav\_Brigadi].[ID\_Brigadira] = [dbo].[Brigadir].[ID\_Brigadira]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] = [dbo].[Dolznost].[ID\_Dolznosti]

where [dbo].[Brigadir].[ID\_Brigadira] = @idBrigadir

)

go

--Поиск бригадира из под админестратора

create or alter function [dbo].[Brigadir\_Search] (@employee [varchar] (max))

returns table

as

return(

select

[dbo].[Brigadir].[ID\_Brigadira] as "Номер бригадира",

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1) + '.' + SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'. '+

[dbo].[Dolznost].[Name] as "ФИО должность"

from [dbo].[Brigadir]

inner join [dbo].[Sotrudnic] on [dbo].[Brigadir].[ID\_Sotrudnica] = [dbo].[Sotrudnic].[ID\_Sotrudnica]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] = [dbo].[Dolznost].[ID\_Dolznosti]

where [dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1) + '.' + SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'. '+

[dbo].[Dolznost].[Name] = @employee

)

go

--Поиск номера сотрудника

create or alter function [dbo].[Employee\_Search] (@employee [varchar] (max))

returns table

as

return(

select

[dbo].[Sotrudnic].[ID\_Sotrudnica] as сотрудника,

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1) + '.' + SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'. '+

[dbo].[Dolznost].[Name] as "ФИО должность"

from [dbo].[Sotrudnic]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] = [dbo].[Dolznost].[ID\_Dolznosti]

where [dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1) + '.' + SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'. '+

[dbo].[Dolznost].[Name] = @employee

)

go

--Список работ

create or alter function [dbo].[List\_Worke] (@idBrigadir [int])

returns table

as

return(

select

[dbo].[Raboti\_Na\_Obiecte].[ID\_Raboti\_Na\_Obiecte] as "Номер работы на объекте",

[dbo].[Vid\_Rabot].[Name] as "Вид работы",

[dbo].[Raboti\_Na\_Obiecte].[Srok\_Vipolnenia\_Rabot] as "Срок выполнения",

[dbo].[Raboti\_Na\_Obiecte].[Prioritet] as "Приоретет",

[dbo].[Raboti\_Na\_Obiecte].[Status] as "Статус"

from [dbo].[Raboti\_Na\_Obiecte]

inner join [dbo].[Rabota\_Brigadi] on [dbo].[Raboti\_Na\_Obiecte].[ID\_Raboti] = [dbo].[Rabota\_Brigadi].[ID\_Raboti]

inner join [dbo].[Vid\_Rabot] on [dbo].[Rabota\_Brigadi].[ID\_Vida] = [dbo].[Vid\_Rabot].[ID\_Vida]

inner join [dbo].[Brigadir] on [dbo].[Rabota\_Brigadi].[ID\_Brigadira] = [dbo].[Brigadir].[ID\_Brigadira]

where [dbo].[Rabota\_Brigadi].[ID\_Brigadira] = @idBrigadir and [dbo].[Raboti\_Na\_Obiecte].[Status] != 'Работа выполнена'

)

go

--Авторизация

create or alter function [dbo].[Autarization] (@login [varchar] (max),@password [varchar] (max))--Создание функции для вывода фамилия, имя, отчество покупателей, даты печати чека, суммы покупке по веденному ФИО продавца (табличная функция)

returns table

as

return(

select

[dbo].[Sotrudnic].[Login],

[dbo].[Sotrudnic].[Password],

[dbo].[Dolznost].[Name],

[dbo].[Sotrudnic].[ID\_Sotrudnica]

from [dbo].[Sotrudnic]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] =[dbo].[Dolznost].[ID\_Dolznosti]

where [Login] = @login and [Password] = @password

)

go

--Информация об участках

create or alter view [dbo].[Information\_About\_Land\_Plots] ("ФИО начальника","Участок")

as

select

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1)+'.'+SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.',

[dbo].[Uchastok].[Name]

from [dbo].[Uchastok]

inner join [dbo].[Sotrudnic] on [dbo].[Uchastok].[ID\_Sotrudnica] = [dbo].[Sotrudnic].[ID\_Sotrudnica]

go

--Информация об техники на участке

create or alter view [dbo].[Equipment\_On\_The\_Site] ("Наименование","Значение")

as

select

[dbo].[Stroitelnaya\_Tekhnica].[Name],

[dbo].[Tekhnica\_Na\_Uchastke].[Kolichestvo]

from [dbo].[Tekhnica\_Na\_Uchastke]

inner join [dbo].[Stroitelnaya\_Tekhnica] on [dbo].[Tekhnica\_Na\_Uchastke].[ID\_Teknici] = [dbo].[Stroitelnaya\_Tekhnica].[ID\_Teknici]

go

--ФИО начальника участка

create or alter view [dbo].[Full\_Name\_Chief] ("Номер","ФИО")

as

select

[dbo].[Sotrudnic].[ID\_Sotrudnica],

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1)+'.'+SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.'

from [dbo].[Sotrudnic]

inner join [dbo].[Role] on [dbo].[Sotrudnic].[ID\_Role] = [dbo].[Role].[ID\_Role]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] = [dbo].[Dolznost].[ID\_Dolznosti]

where [dbo].[Dolznost].[Name] = 'Начальник участка'

--where [dbo].[Role].[Name] = 'Инженерно-технический'

go

---Обьекты строительства в начальнике участка

create or alter function [dbo].[Information\_Object\_Uchastci\_ComboBox] (@idEmployye [int])

returns table

as

return(

select

[dbo].[Tip\_Obyekta].[Name] + ','+ [dbo].[Dogovor].[Data\_Zacluchenia\_Dogovora] as "тип дата",

[dbo].[Stroitelniy\_Object].[ID\_Objecta] as "Номер объекта"

from [dbo].[Dogovor]

inner join [dbo].[Stroitelniy\_Object] on [dbo].[Dogovor].[ID\_Objecta] = [dbo].[Stroitelniy\_Object].[ID\_Objecta]

inner join [dbo].[Tip\_Obyekta] on [dbo].[Stroitelniy\_Object].[ID\_Tipa\_Obyekta] = [dbo].[Tip\_Obyekta].[ID\_Tipa\_Obyekta]

inner join [dbo].[Uchastok] on [dbo].[Stroitelniy\_Object].[ID\_Uchastka] = [dbo].[Uchastok].[ID\_Uchastka]

where [dbo].[Uchastok].[ID\_Sotrudnica] = @idEmployye

)

go

--Участок с работами

create or alter function [dbo].[Information\_Uchastoc\_Worcing] (@idEmployye [int])

returns table

as

return(

select

[dbo].[Tip\_Obyekta].[Name] as "Объекты участка",

[dbo].[Vid\_Rabot].[Name] as "Наименование работ"

from [dbo].[Raboti\_Na\_Obiecte]

inner join [dbo].[Stroitelniy\_Object] on [dbo].[Raboti\_Na\_Obiecte].[ID\_Objecta] = [dbo].[Stroitelniy\_Object].[ID\_Objecta]

inner join [dbo].[Tip\_Obyekta] on [dbo].[Stroitelniy\_Object].[ID\_Tipa\_Obyekta] = [dbo].[Tip\_Obyekta].[ID\_Tipa\_Obyekta]

inner join [dbo].[Uchastok] on [dbo].[Stroitelniy\_Object].[ID\_Uchastka] = [dbo].[Uchastok].[ID\_Uchastka]

inner join [dbo].[Rabota\_Brigadi] on [dbo].[Raboti\_Na\_Obiecte].[ID\_Raboti] = [dbo].[Rabota\_Brigadi].[ID\_Raboti]

inner join [dbo].[Vid\_Rabot] on [dbo].[Rabota\_Brigadi].[ID\_Vida] = [dbo].[Vid\_Rabot].[ID\_Vida]

where [dbo].[Uchastok].[ID\_Sotrudnica] = @idEmployye

)

go

--Начальники участов

create or alter view [dbo].[Chief\_Uchastca] ("ФИО начальника должность")

as

select

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1)+'.'+SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.'

from [dbo].[Sotrudnic]

inner join [dbo].[Dolznost] on [dbo].[Sotrudnic].[ID\_Dolznosti] = [dbo].[Dolznost].[ID\_Dolznosti]

where [dbo].[Dolznost].[Name] = 'Начальник участка'

go

---Генерация word файла с датами

create or alter function [dbo].[Information\_Submission\_Working\_Date] (@idEmployye [int], @tipObject [varchar] (max))

returns table

as

return(

select

[dbo].[Sdacha\_Rabot].[ID\_Sdachi\_Rabot] as "Номер",

[dbo].[Tip\_Obyekta].[Name] as "Объекты участка",

[dbo].[Vid\_Rabot].[Name] as "Наименование работ",

rab.[Srok\_Vipolnenia\_Rabot],

[dbo].[Uchastok].[Name],

dog.[Data\_Zacluchenia\_Dogovora]

from [dbo].[Sdacha\_Rabot]

inner join [dbo].[Raboti\_Na\_Obiecte] rab on [dbo].[Sdacha\_Rabot].[ID\_Raboti\_Na\_Obiecte] = rab.[ID\_Raboti\_Na\_Obiecte]

inner join [dbo].[Stroitelniy\_Object] s1 on rab.[ID\_Objecta] = s1.[ID\_Objecta]

inner join [dbo].[Dogovor] dog on dog.[ID\_Objecta] = s1.[ID\_Objecta]

inner join [dbo].[Tip\_Obyekta] on s1.[ID\_Tipa\_Obyekta] = [dbo].[Tip\_Obyekta].[ID\_Tipa\_Obyekta]

inner join [dbo].[Uchastok] on s1.[ID\_Uchastka] = [dbo].[Uchastok].[ID\_Uchastka]

inner join [dbo].[Rabota\_Brigadi] on rab.[ID\_Raboti] = [dbo].[Rabota\_Brigadi].[ID\_Raboti]

inner join [dbo].[Vid\_Rabot] on [dbo].[Rabota\_Brigadi].[ID\_Vida] = [dbo].[Vid\_Rabot].[ID\_Vida]

where

[dbo].[Uchastok].[ID\_Sotrudnica] = @idEmployye and

[dbo].[Tip\_Obyekta].[Name] + ','+dog.[Data\_Zacluchenia\_Dogovora] = @tipObject

)

go

--Бригадир из сотрудников

create or alter view [dbo].[Employee\_Brigad] ("Номер бригадира","ФИО сотрудника")

as

select

[dbo].[Brigadir].[ID\_Brigadira],

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1)+'.'+SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.'

from [dbo].[Brigadir]

inner join [dbo].[Sotrudnic] on [dbo].[Brigadir].[ID\_Sotrudnica] = [dbo].[Sotrudnic].[ID\_Sotrudnica]

go

create or alter function [dbo].[Seartch\_Brigadir\_Search] (@employee [varchar] (max))

returns table

as

return(

select

[dbo].[Brigadir].[ID\_Brigadira] as "Номер",

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1)+'.'+SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.' as "ФИО"

from [dbo].[Brigadir]

inner join [dbo].[Sotrudnic] on [dbo].[Brigadir].[ID\_Sotrudnica] = [dbo].[Sotrudnic].[ID\_Sotrudnica]

where [dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1)+'.'+SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.' =@employee

)

go

create or alter function [dbo].[Information\_Object\_Uchastci\_Search] (@idEmployye [int], @value [varchar] (max))

returns table

as

return(

select

[dbo].[Tip\_Obyekta].[Name] + ','+ [dbo].[Dogovor].[Data\_Zacluchenia\_Dogovora] as "тип дата",

[dbo].[Stroitelniy\_Object].[ID\_Objecta] as "Номер объекта"

from [dbo].[Dogovor]

inner join [dbo].[Stroitelniy\_Object] on [dbo].[Dogovor].[ID\_Objecta] = [dbo].[Stroitelniy\_Object].[ID\_Objecta]

inner join [dbo].[Tip\_Obyekta] on [dbo].[Stroitelniy\_Object].[ID\_Tipa\_Obyekta] = [dbo].[Tip\_Obyekta].[ID\_Tipa\_Obyekta]

inner join [dbo].[Uchastok] on [dbo].[Stroitelniy\_Object].[ID\_Uchastka] = [dbo].[Uchastok].[ID\_Uchastka]

where [dbo].[Uchastok].[ID\_Sotrudnica] = @idEmployye and [dbo].[Tip\_Obyekta].[Name] + ','+[dbo].[Dogovor].[Data\_Zacluchenia\_Dogovora] = @value

)

go

--Поиск начальника участка из под админестратора

create or alter function [dbo].[Sotrudnic\_Search\_Employee] (@employee [varchar] (max))

returns table

as

return(

select

[dbo].[Sotrudnic].[ID\_Sotrudnica] as "Номер начальника учаска",

[dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1) + '.' + SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.' as "ФИО"

from [dbo].[Sotrudnic]

where [dbo].[Sotrudnic].[Familiya] +' '+ SUBSTRING ([dbo].[Sotrudnic].[Ima],1,1) + '.' + SUBSTRING ([dbo].[Sotrudnic].[Otchestvo],1,1)+'.' = @employee

)

go

--Отчет

create or alter function [dbo].[Working\_Material\_Inform] (@idSdach [int])

returns table

as

return(

select

[dbo].[Sdacha\_Rabot].[ID\_Sdachi\_Rabot] as "Номер",

[dbo].[Tip\_Obyekta].[Name] as "Объекты участка",

[dbo].[Vid\_Rabot].[Name] as "Наименование работ",

[dbo].[Raboti\_Na\_Obiecte].[Srok\_Vipolnenia\_Rabot],

[dbo].[Material].[Name] as "Тип материала",

[dbo].[Rashod\_Materialov].[Kolichestvo] as "Колличество"

from [dbo].[Rashod\_Materialov]

inner join [dbo].[Sdacha\_Rabot] on [dbo].[Rashod\_Materialov].[ID\_Sdachi\_Rabot] = [dbo].[Sdacha\_Rabot].[ID\_Sdachi\_Rabot]

inner join [dbo].[Material] on [dbo].[Rashod\_Materialov].[ID\_Materiala] = [dbo].[Material].[ID\_Materiala]

inner join [dbo].[Raboti\_Na\_Obiecte] on [dbo].[Sdacha\_Rabot].[ID\_Raboti\_Na\_Obiecte] = [dbo].[Raboti\_Na\_Obiecte].[ID\_Raboti\_Na\_Obiecte]

inner join [dbo].[Stroitelniy\_Object] on [dbo].[Raboti\_Na\_Obiecte].[ID\_Objecta] = [dbo].[Stroitelniy\_Object].[ID\_Objecta]

inner join [dbo].[Tip\_Obyekta] on [dbo].[Stroitelniy\_Object].[ID\_Tipa\_Obyekta] = [dbo].[Tip\_Obyekta].[ID\_Tipa\_Obyekta]

inner join [dbo].[Uchastok] on [dbo].[Stroitelniy\_Object].[ID\_Uchastka] = [dbo].[Uchastok].[ID\_Uchastka]

inner join [dbo].[Rabota\_Brigadi] on [dbo].[Raboti\_Na\_Obiecte].[ID\_Raboti] = [dbo].[Rabota\_Brigadi].[ID\_Raboti]

inner join [dbo].[Vid\_Rabot] on [dbo].[Rabota\_Brigadi].[ID\_Vida] = [dbo].[Vid\_Rabot].[ID\_Vida]

where [dbo].[Rashod\_Materialov].[ID\_Sdachi\_Rabot] =@idSdach

)

go