Скрипты создания структуры БД в postgreSQL с комментариями, поясняющими различие типов данных.

1.

create table public.cardTypes(

idCardType smallint not null,

idCardSystem bigint Null,

name varchar (50) Null,

constraint "PK\_cardType" primary key (idCardType));

2.

create table public.accounts(

id smallint not null,

account text Null,

balance int null,

status int null);

3.

create table public.users(

idUser bigint not null,

login varchar (10) Null,

constraint "PK\_users" primary key (idUser));

4.

create table public.departments(

IdDepartment int not null,

name varchar (255) Null,

idDepartmentsSystem bigint NULL,

workTime varchar(255) NULL,

phone varchar(255) NULL,

addressString varchar (255) NULL,

city varchar(255) NULL,

street varchar(255) NULL,

build varchar(255) NULL,

SCNAME varchar(10) NULL,

KLADR varchar(13) NULL,

KLADR\_STREET varchar(17) NULL,

CONSTRAINT "PK\_department" primary key (IdDepartment));

5.

CREATE TABLE public.dirStatusesOrders(

idDirStatusOrder smallint NOT NULL,

name varchar(50) NULL,

CONSTRAINT "PK\_dirStatusesOrders" primary key (idDirStatusOrder));

6.

CREATE TABLE public.dirChannels(

idDirChannel smallint NOT NULL,

name varchar(50) NULL,

CONSTRAINT "PK\_dirChannel" primary key (idDirChannel));

7.

CREATE TABLE public.dirStatuses(

idDirStatus smallint NOT NULL,

name varchar (50) NULL,

CONSTRAINT "PK\_dirStatuses" primary key (idDirStatus));

8.

CREATE TABLE public.clients(

idClient bigint NOT NULL,

firstName varchar (255) NULL,

middleName varchar(255) NULL,

surname varchar(255) NULL,

birthday date NULL,

regAddress varchar(255) NULL,

idDirStatus smallint NULL references public.dirstatuses,

createDate date NULL,

PIN\_EQ char (6) NULL,

CONSTRAINT "PK\_clients" PRIMARY KEY (idClient));

9.

CREATE TABLE public.orders(

idOrder bigint NOT NULL,

idClient bigint NULL,

idDirChannel smallint NULL,

idCardType smallint NULL,

idDepartment int NULL,

idDirStatusOrder smallint NULL,

createDate date NULL,

editUser bigint NULL,

updateDate date NULL,

CONSTRAINT "PK\_orders" PRIMARY KEY (idOrder));

alter table public.orders

add constraint FK\_orders\_cardType foreign key (idCardType) references public.cardtypes (idCardType),

add constraint FK\_orders\_clients foreign key (idClient) references public.clients (idClient),

add constraint FK\_orders\_department foreign key (idDepartment) references public.departments (IdDepartment),

add constraint FK\_orders\_dirChannel foreign key (idDirChannel) references public.dirChannels (idDirChannel),

add constraint FK\_orders\_dirStatusesOrders foreign key (idDirStatusOrder) references public.dirStatusesOrders (idDirStatusOrder),

add constraint FK\_orders\_users foreign key (editUser) references public.users (idUser);