create database Vohmencev\_Library

go

use Vohmencev\_Library

go

create table Roles(

RoleName varchar(50) primary key not null)

create table Staff(

StaffCode int primary key not null,

StaffLogin varchar(15),

StaffPassword varchar(50),

StaffName varchar(255),

StaffPosition varchar(50) foreign key references Roles(RoleName))

create table Users(

UserCard int primary key not null,

UserName varchar(255),

UserPhone varchar(15))

create table Authors(

AuthorCode int primary key not null,

AuthorName varchar(255))

create table Publishers(

PublisherCode int primary key not null,

PublisherName varchar(255))

create table Books(

BookCode int primary key not null,

BookName varchar(255),

BookAuthor int foreign key references Authors(AuthorCode),

BookPublisher int foreign key references Publishers(PublisherCode),

BookGenres varchar(255),

BookAvailability varchar(5))

create table [Status](

StatusName varchar(255) primary key not null)

create table BorrowingOfBooks(

BorrowingNumber int primary key not null,

Book int foreign key references Books(BookCode),

LibraryUser int foreign key references Users(UserCard),

DateSince date,

DateUntil date,

BorrowingStatus varchar(255) foreign key references [Status](StatusName))

insert into Roles values ('Администратор'), ('Библиотекарь'), ('Уволен')

insert into Status values ('На руках'), ('Продлена'), ('Сдана')