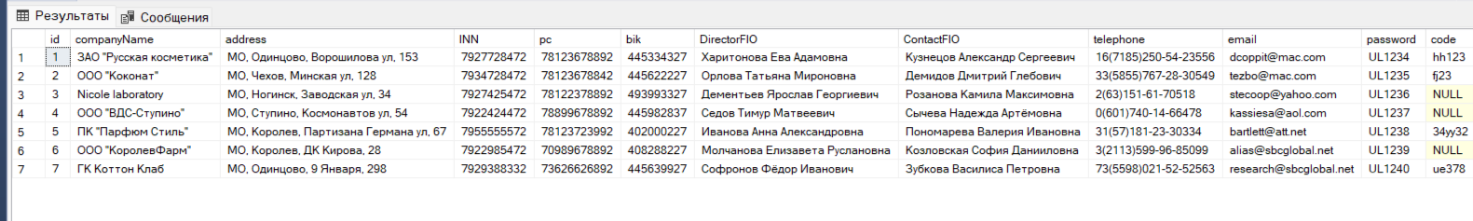
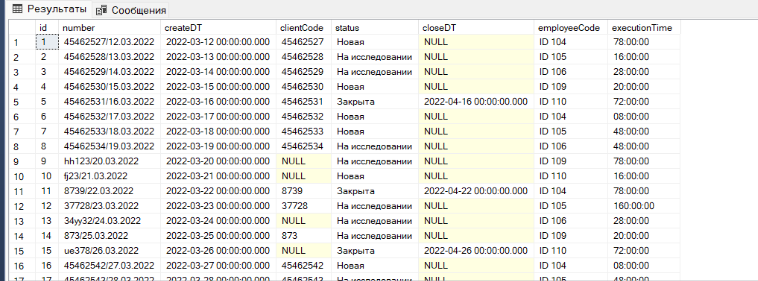
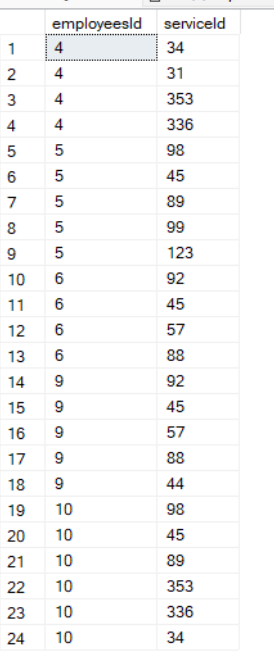
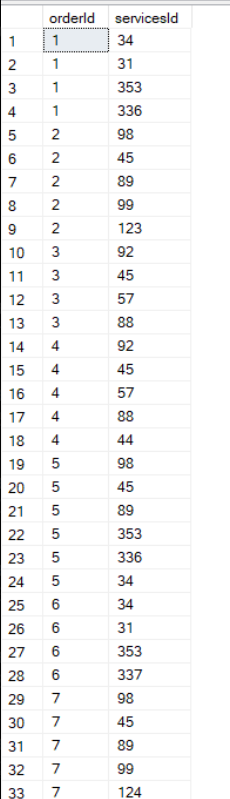
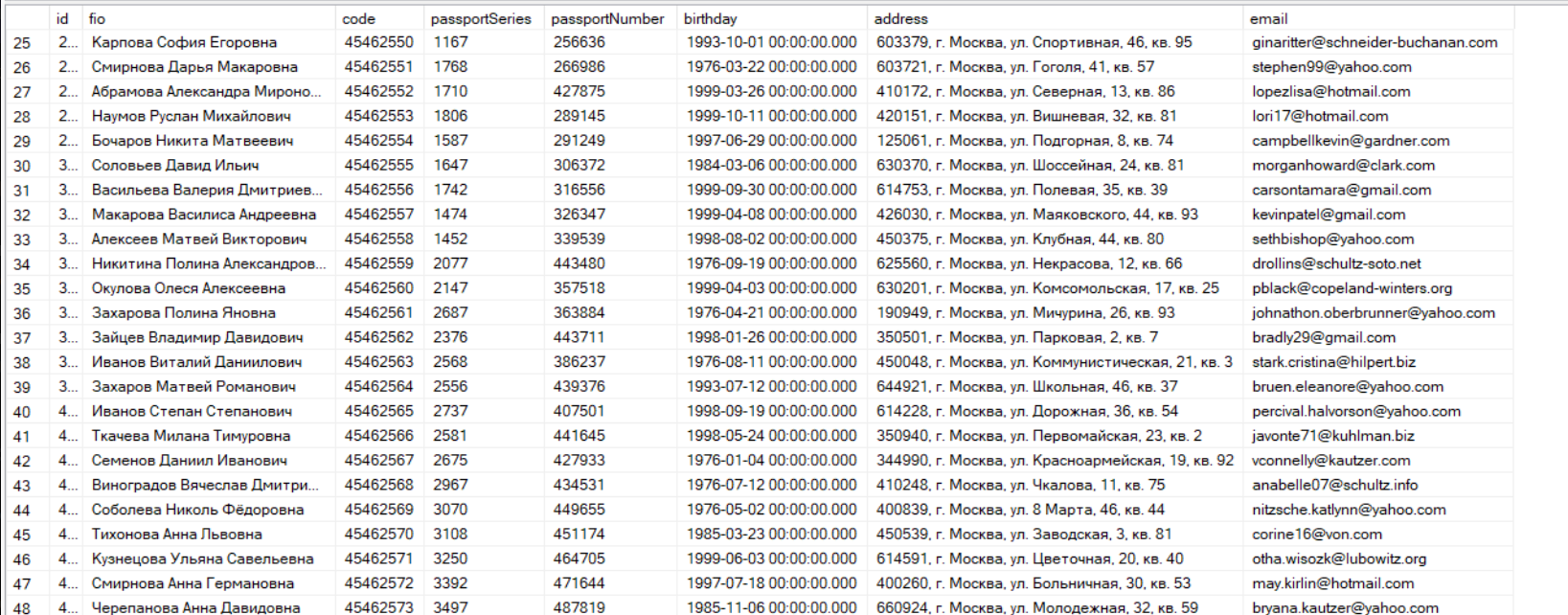
**Отчёт по выполнению**   
Разработка, администрирование и защита баз данных

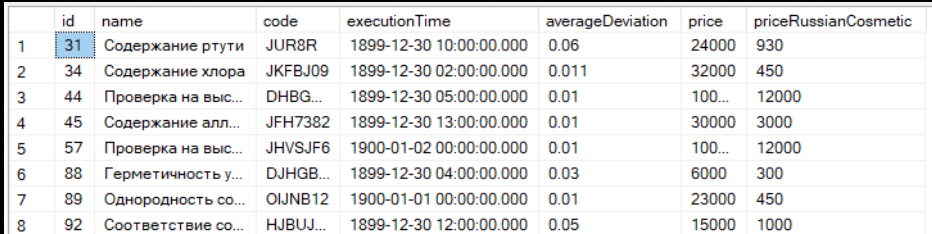
# Реализация разработанной БД в MSSQL отредактировала данные в таблицах excel, исправила дату\число, типы данных. Привела таблицы в 2-3 нормальной форме, для хранения связи многим-ко-многим создала 2 таблицы и перенесла туда данные.



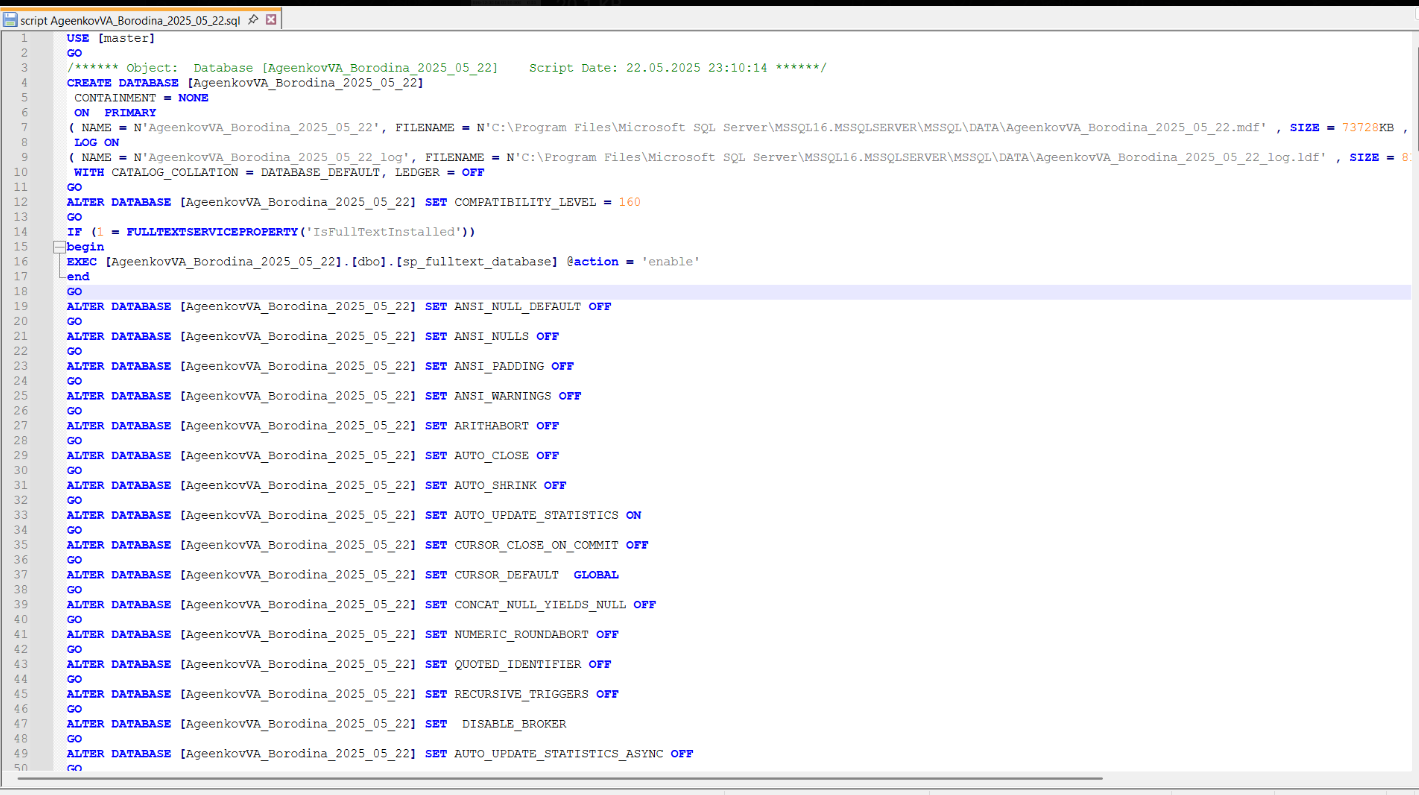


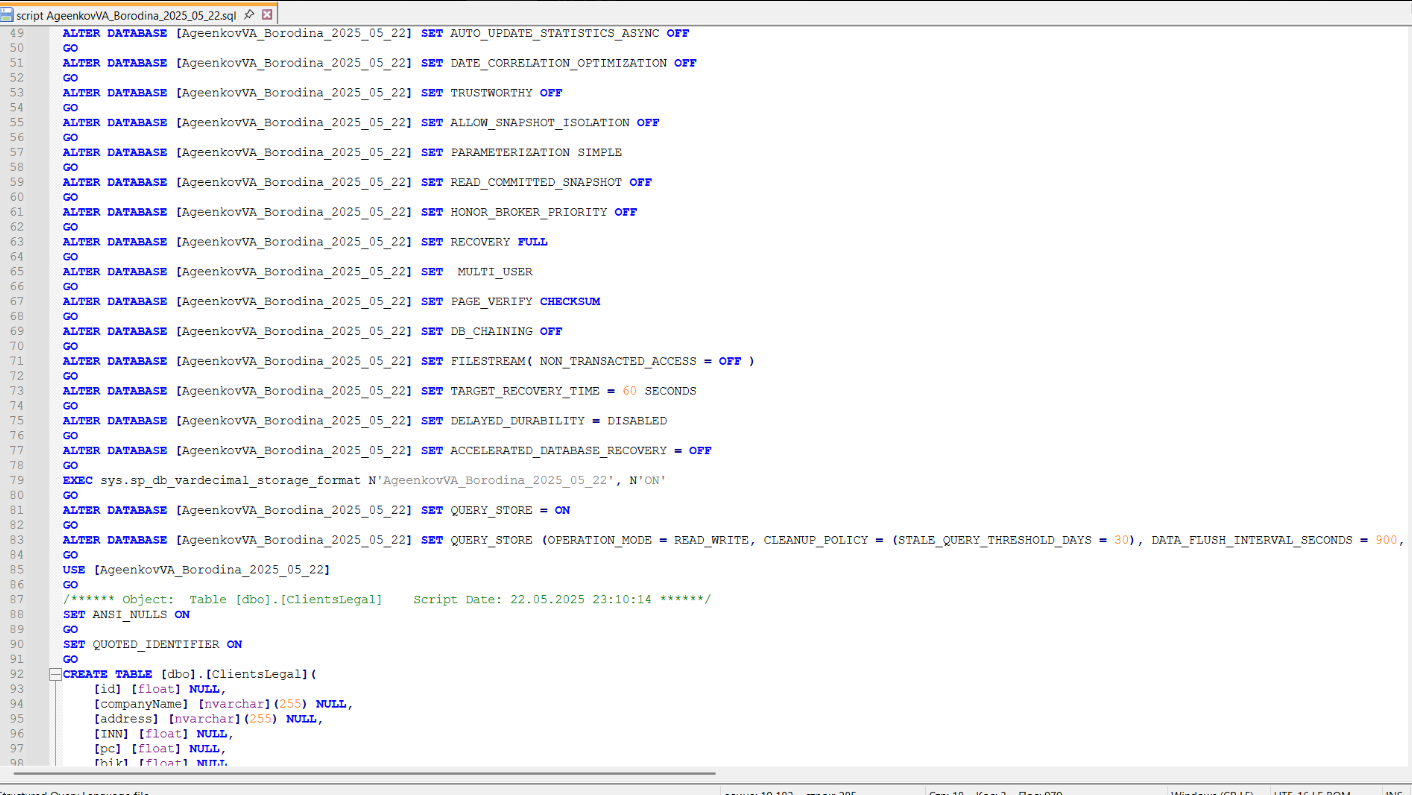




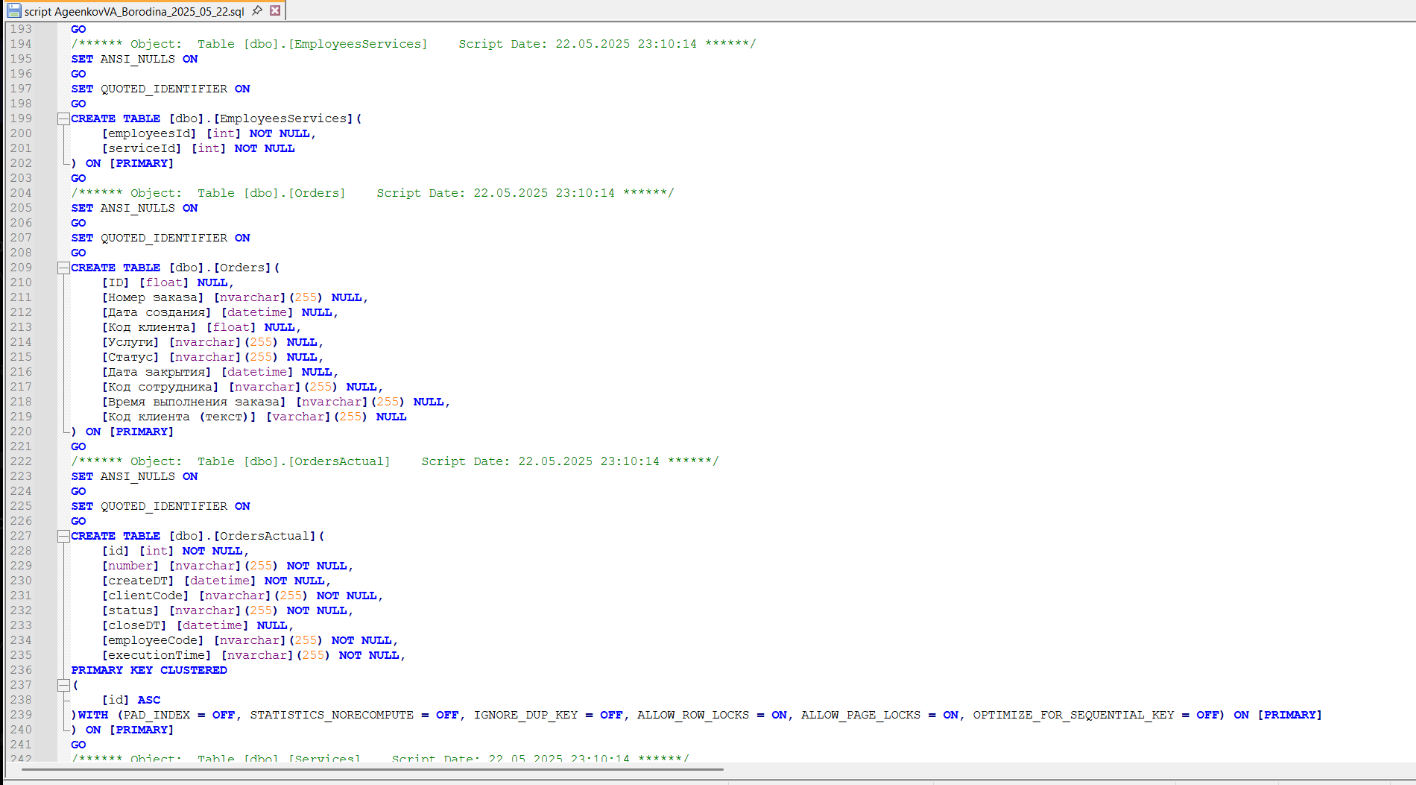


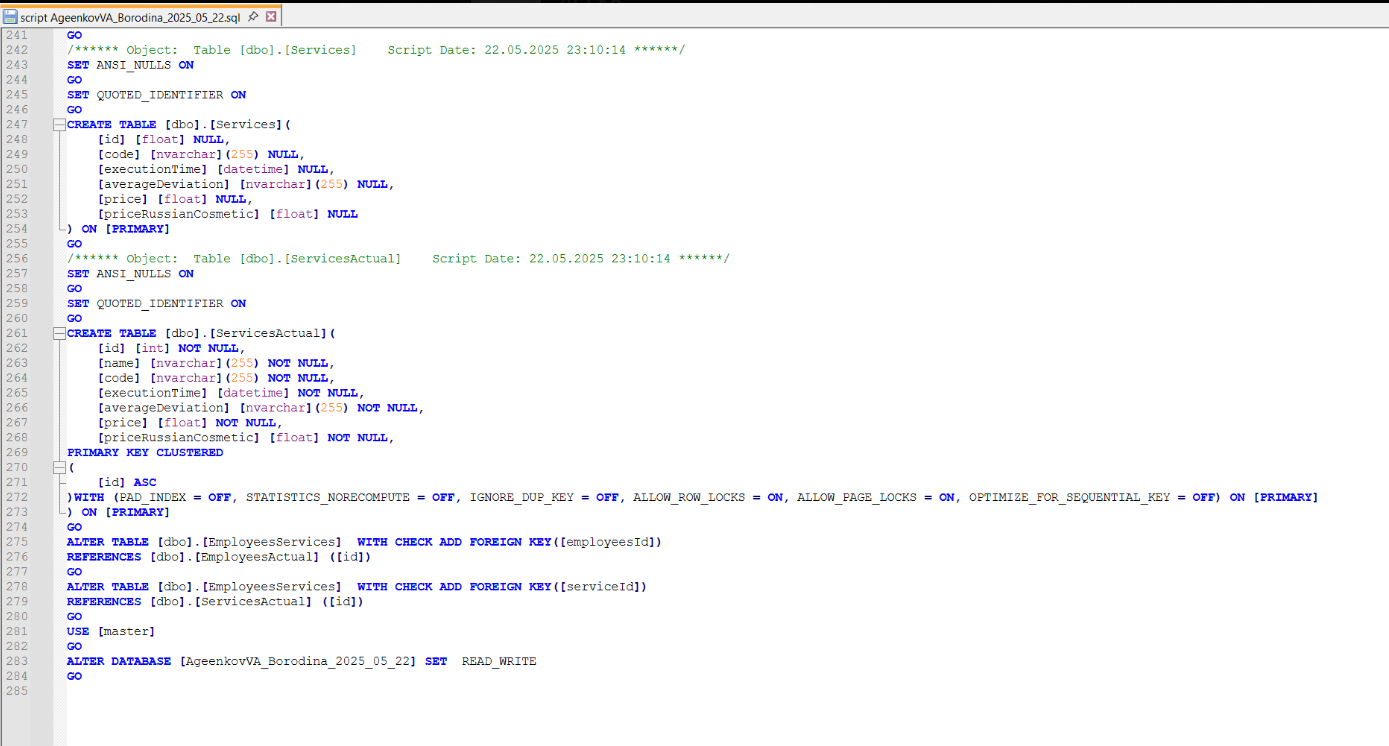
# Сохранение данных и результатов Как я поняла необходимо созданные таблицы с помощью импорта экспортировать в SQL скрипт.

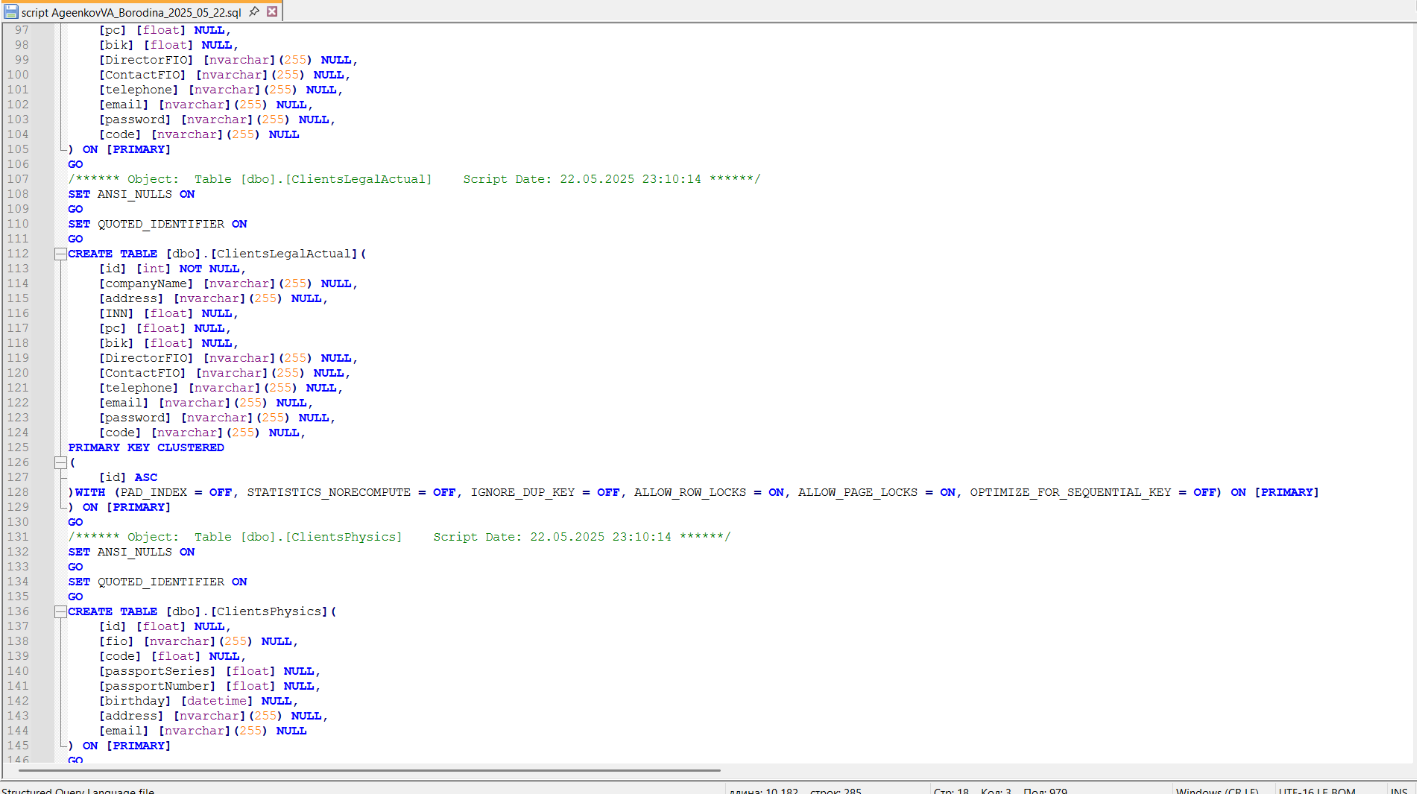












**КОД (ЕСЛИ НЕУДОБНО СКРИНШОТАМИ)**

USE [master]

GO

/\*\*\*\*\*\* Object: Database [AgeenkovVA\_Borodina\_2025\_05\_22] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

CREATE DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22]

CONTAINMENT = NONE

ON PRIMARY

( NAME = N'AgeenkovVA\_Borodina\_2025\_05\_22', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSERVER\MSSQL\DATA\AgeenkovVA\_Borodina\_2025\_05\_22.mdf' , SIZE = 73728KB , MAXSIZE = UNLIMITED, FILEGROWTH = 65536KB )

LOG ON

( NAME = N'AgeenkovVA\_Borodina\_2025\_05\_22\_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSERVER\MSSQL\DATA\AgeenkovVA\_Borodina\_2025\_05\_22\_log.ldf' , SIZE = 8192KB , MAXSIZE = 2048GB , FILEGROWTH = 65536KB )

WITH CATALOG\_COLLATION = DATABASE\_DEFAULT, LEDGER = OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET COMPATIBILITY\_LEVEL = 160

GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))

begin

EXEC [AgeenkovVA\_Borodina\_2025\_05\_22].[dbo].[sp\_fulltext\_database] @action = 'enable'

end

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET ANSI\_NULL\_DEFAULT OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET ANSI\_NULLS OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET ANSI\_PADDING OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET ANSI\_WARNINGS OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET ARITHABORT OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET AUTO\_CLOSE OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET AUTO\_SHRINK OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET AUTO\_UPDATE\_STATISTICS ON

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET CURSOR\_CLOSE\_ON\_COMMIT OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET CURSOR\_DEFAULT GLOBAL

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET CONCAT\_NULL\_YIELDS\_NULL OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET NUMERIC\_ROUNDABORT OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET QUOTED\_IDENTIFIER OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET RECURSIVE\_TRIGGERS OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET DISABLE\_BROKER

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET AUTO\_UPDATE\_STATISTICS\_ASYNC OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET DATE\_CORRELATION\_OPTIMIZATION OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET ALLOW\_SNAPSHOT\_ISOLATION OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET READ\_COMMITTED\_SNAPSHOT OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET HONOR\_BROKER\_PRIORITY OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET RECOVERY FULL

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET MULTI\_USER

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET PAGE\_VERIFY CHECKSUM

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET DB\_CHAINING OFF

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET FILESTREAM( NON\_TRANSACTED\_ACCESS = OFF )

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET TARGET\_RECOVERY\_TIME = 60 SECONDS

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET DELAYED\_DURABILITY = DISABLED

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET ACCELERATED\_DATABASE\_RECOVERY = OFF

GO

EXEC sys.sp\_db\_vardecimal\_storage\_format N'AgeenkovVA\_Borodina\_2025\_05\_22', N'ON'

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET QUERY\_STORE = ON

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET QUERY\_STORE (OPERATION\_MODE = READ\_WRITE, CLEANUP\_POLICY = (STALE\_QUERY\_THRESHOLD\_DAYS = 30), DATA\_FLUSH\_INTERVAL\_SECONDS = 900, INTERVAL\_LENGTH\_MINUTES = 60, MAX\_STORAGE\_SIZE\_MB = 1000, QUERY\_CAPTURE\_MODE = AUTO, SIZE\_BASED\_CLEANUP\_MODE = AUTO, MAX\_PLANS\_PER\_QUERY = 200, WAIT\_STATS\_CAPTURE\_MODE = ON)

GO

USE [AgeenkovVA\_Borodina\_2025\_05\_22]

GO

/\*\*\*\*\*\* Object: Table [dbo].[ClientsLegal] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ClientsLegal](

[id] [float] NULL,

[companyName] [nvarchar](255) NULL,

[address] [nvarchar](255) NULL,

[INN] [float] NULL,

[pc] [float] NULL,

[bik] [float] NULL,

[DirectorFIO] [nvarchar](255) NULL,

[ContactFIO] [nvarchar](255) NULL,

[telephone] [nvarchar](255) NULL,

[email] [nvarchar](255) NULL,

[password] [nvarchar](255) NULL,

[code] [nvarchar](255) NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[ClientsLegalActual] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ClientsLegalActual](

[id] [int] NOT NULL,

[companyName] [nvarchar](255) NULL,

[address] [nvarchar](255) NULL,

[INN] [float] NULL,

[pc] [float] NULL,

[bik] [float] NULL,

[DirectorFIO] [nvarchar](255) NULL,

[ContactFIO] [nvarchar](255) NULL,

[telephone] [nvarchar](255) NULL,

[email] [nvarchar](255) NULL,

[password] [nvarchar](255) NULL,

[code] [nvarchar](255) NULL,

PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[ClientsPhysics] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ClientsPhysics](

[id] [float] NULL,

[fio] [nvarchar](255) NULL,

[code] [float] NULL,

[passportSeries] [float] NULL,

[passportNumber] [float] NULL,

[birthday] [datetime] NULL,

[address] [nvarchar](255) NULL,

[email] [nvarchar](255) NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[ClientsPhysicsActual] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ClientsPhysicsActual](

[id] [float] NULL,

[fio] [nvarchar](255) NULL,

[code] [float] NULL,

[passportSeries] [float] NULL,

[passportNumber] [float] NULL,

[birthday] [datetime] NULL,

[address] [nvarchar](255) NULL,

[email] [nvarchar](255) NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Employees] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Employees](

[id] [float] NULL,

[fio] [nvarchar](255) NULL,

[login] [nvarchar](255) NULL,

[password] [nvarchar](255) NULL,

[services] [nvarchar](255) NULL,

[lastDT] [nvarchar](255) NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[EmployeesActual] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[EmployeesActual](

[id] [int] NOT NULL,

[fio] [nvarchar](255) NOT NULL,

[login] [nvarchar](255) NOT NULL,

[password] [nvarchar](255) NOT NULL,

[lastDT] [nvarchar](255) NOT NULL,

PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[EmployeesServices] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[EmployeesServices](

[employeesId] [int] NOT NULL,

[serviceId] [int] NOT NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Orders] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Orders](

[ID] [float] NULL,

[Номер заказа] [nvarchar](255) NULL,

[Дата создания] [datetime] NULL,

[Код клиента] [float] NULL,

[Услуги] [nvarchar](255) NULL,

[Статус] [nvarchar](255) NULL,

[Дата закрытия] [datetime] NULL,

[Код сотрудника] [nvarchar](255) NULL,

[Время выполнения заказа] [nvarchar](255) NULL,

[Код клиента (текст)] [varchar](255) NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[OrdersActual] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[OrdersActual](

[id] [int] NOT NULL,

[number] [nvarchar](255) NOT NULL,

[createDT] [datetime] NOT NULL,

[clientCode] [nvarchar](255) NOT NULL,

[status] [nvarchar](255) NOT NULL,

[closeDT] [datetime] NULL,

[employeeCode] [nvarchar](255) NOT NULL,

[executionTime] [nvarchar](255) NOT NULL,

PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[Services] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Services](

[id] [float] NULL,

[code] [nvarchar](255) NULL,

[executionTime] [datetime] NULL,

[averageDeviation] [nvarchar](255) NULL,

[price] [float] NULL,

[priceRussianCosmetic] [float] NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[ServicesActual] Script Date: 22.05.2025 23:10:14 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ServicesActual](

[id] [int] NOT NULL,

[name] [nvarchar](255) NOT NULL,

[code] [nvarchar](255) NOT NULL,

[executionTime] [datetime] NOT NULL,

[averageDeviation] [nvarchar](255) NOT NULL,

[price] [float] NOT NULL,

[priceRussianCosmetic] [float] NOT NULL,

PRIMARY KEY CLUSTERED

(

[id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON, OPTIMIZE\_FOR\_SEQUENTIAL\_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

ALTER TABLE [dbo].[EmployeesServices] WITH CHECK ADD FOREIGN KEY([employeesId])

REFERENCES [dbo].[EmployeesActual] ([id])

GO

ALTER TABLE [dbo].[EmployeesServices] WITH CHECK ADD FOREIGN KEY([serviceId])

REFERENCES [dbo].[ServicesActual] ([id])

GO

USE [master]

GO

ALTER DATABASE [AgeenkovVA\_Borodina\_2025\_05\_22] SET READ\_WRITE

GO