BANKA VERİTABANI FİNAL PROJESİ

Bu proje, bir bankanın içinde bulunan tüm kayıtları saklamak için oluşturulan bir veritabanını içermektedir. Banka içerisindeki hesaplar, krediler, işlemler ve kişi bilgileri ayrı ayrı tablolara yerleştirilmiştir. Bu proje, banka içerisinde gerçekleştirilen işlem sayısını, verilen kredi sayısını ve bir müşterinin banka işlemleri gibi bilgileri

sunulabilmektedir.

Bu işlevlerin yer aldığı bir arayüz programı kuruldu, Visual Studio kullanılarak Windows Forms Uygulaması (C#) diliyle oluşturuldu ve içerisindeki bilgiler kaydedildi.

Projenin Adımları

1. E-R dşiyagramı çizdim ve tploları belirledim
2. SQL Serverde veritabanı oluşturdum. Taploları kurdum. Taploların arasındaki ilişkilri ekledim.
3. Visual Studio kullanılarak Windows Forms Uygulaması (C#) diliyle bir ara yüz programı oluşaturdum veritabanın bilgilerini ekledim. Formların arasında girişler yaptım.

SUNUM VİDEOSU

https://youtu.be/9f9Ox4mDWSQ

SQL SERVER VERİTAPANI



PROJE PROGRAMI

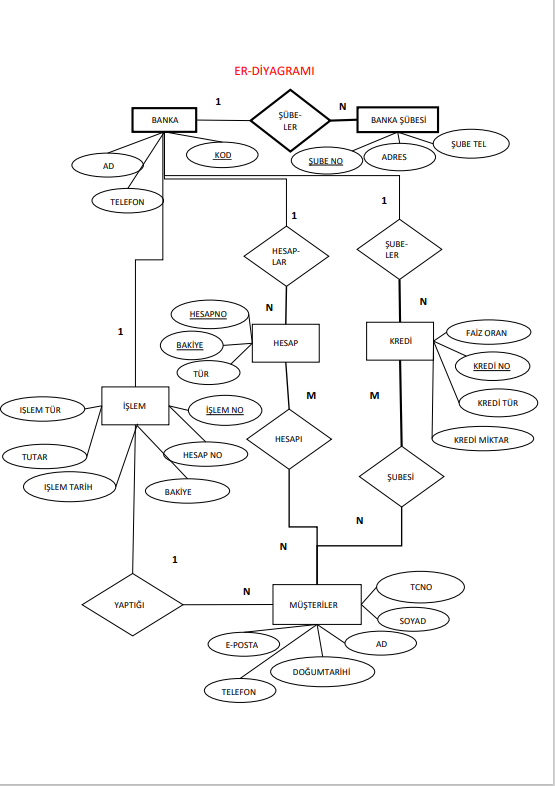


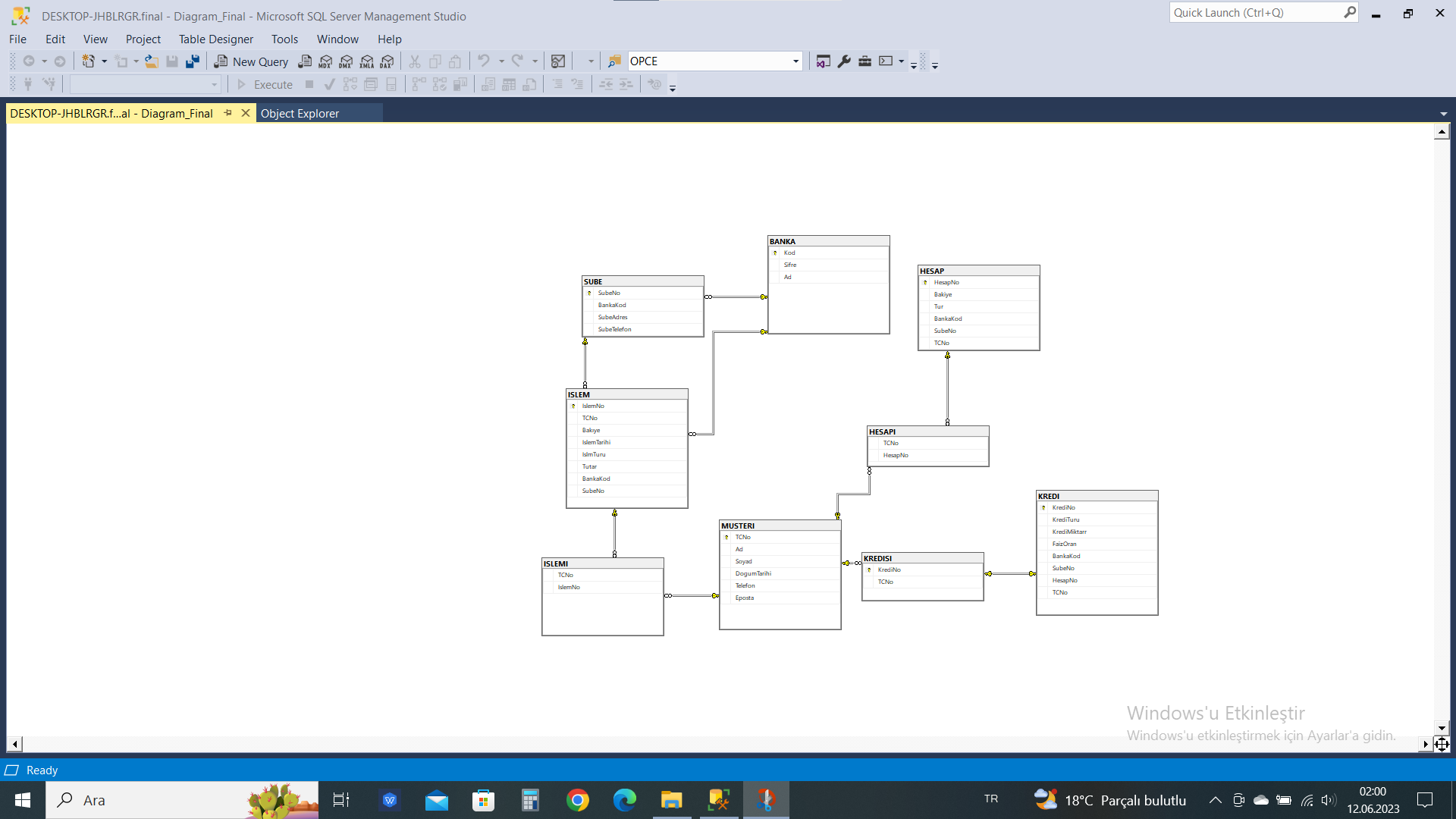
Sonraki sayfararda E-R diyagramı, ekran görüntüleri ve kodlar mevcüttür

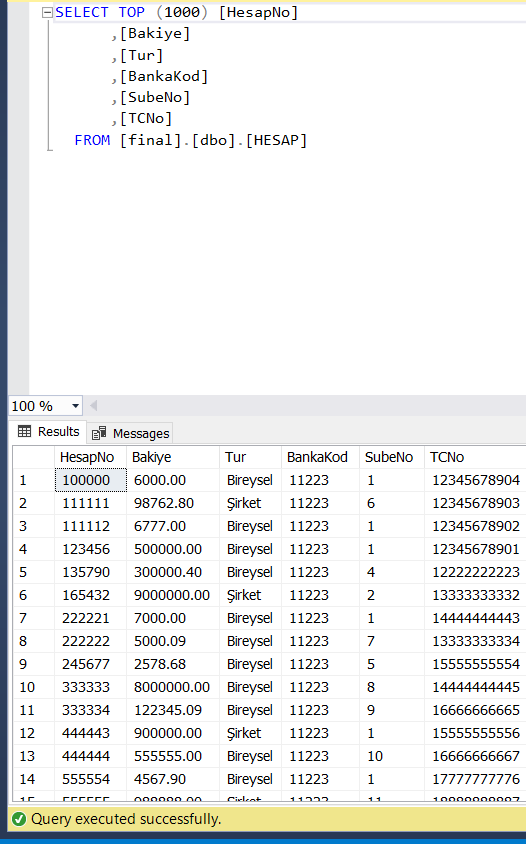
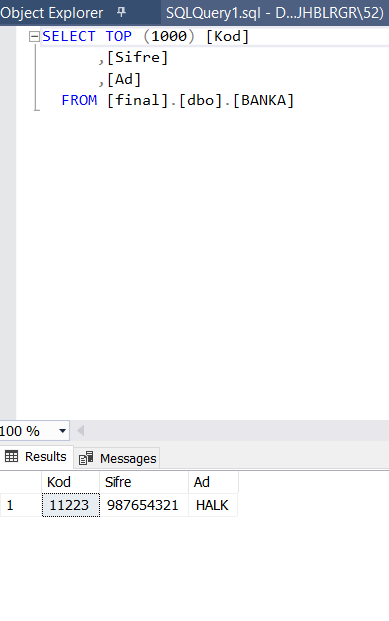
Ad : Hanin

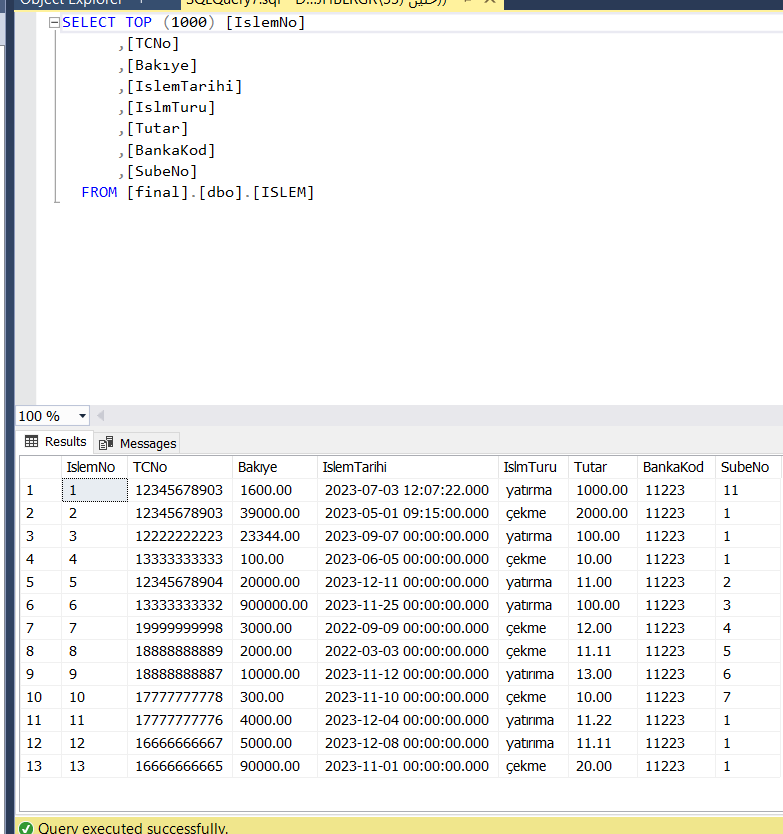
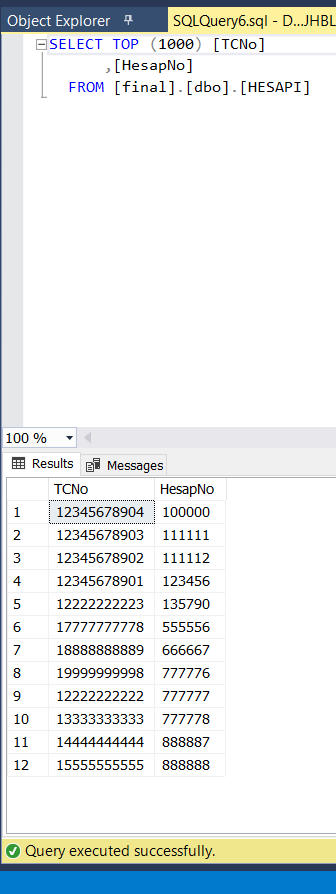
Soyad : Lahmouni

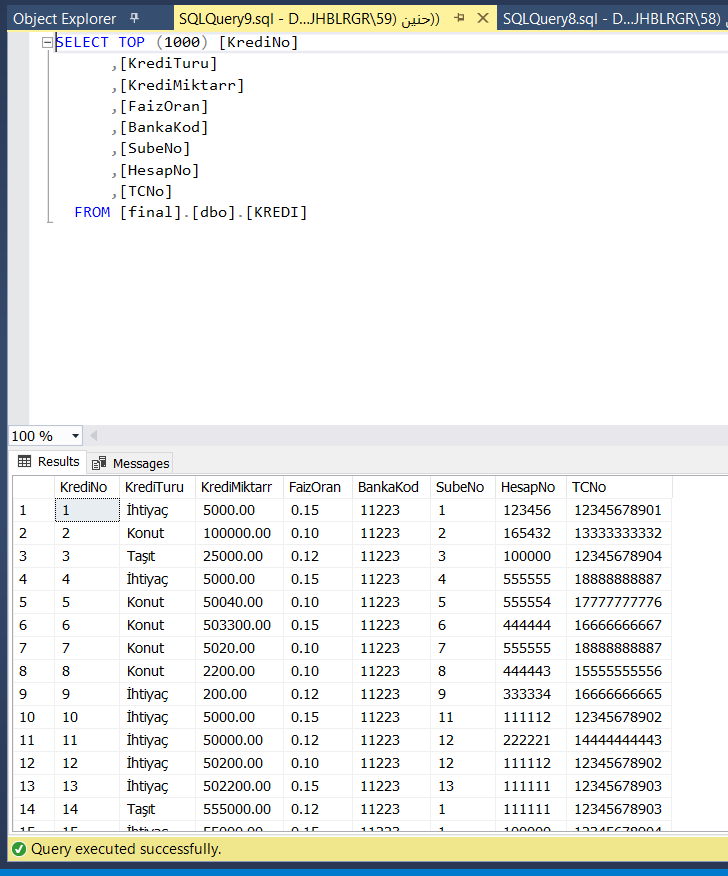
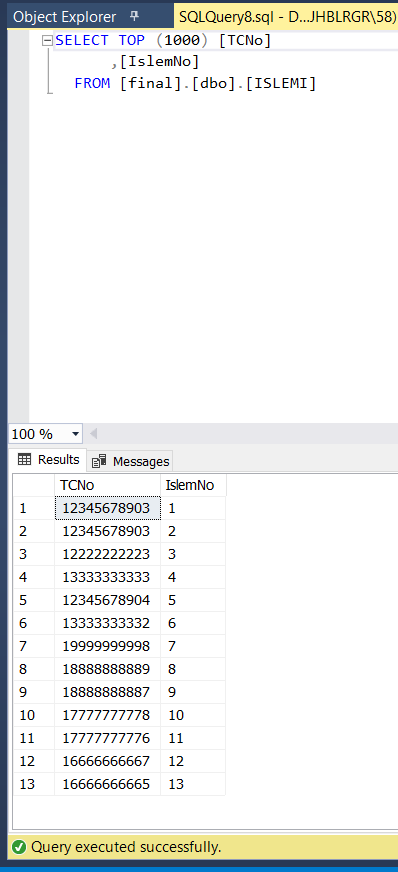
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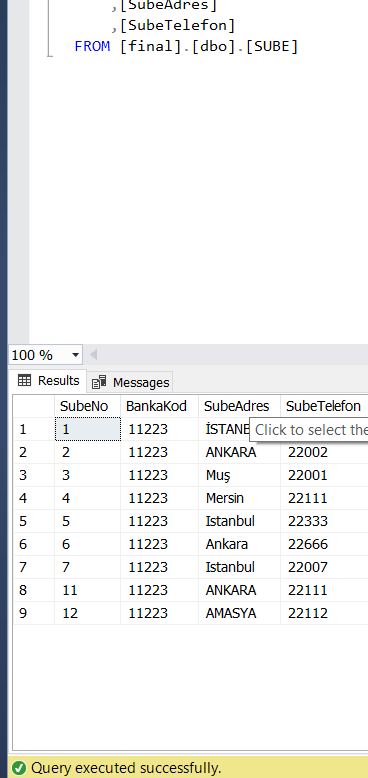
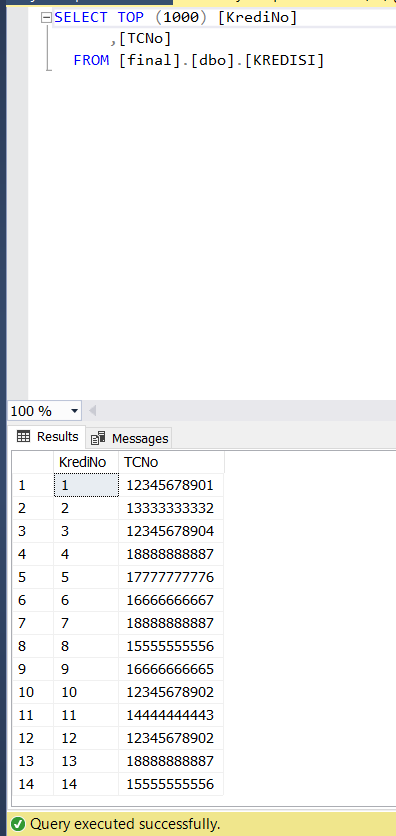


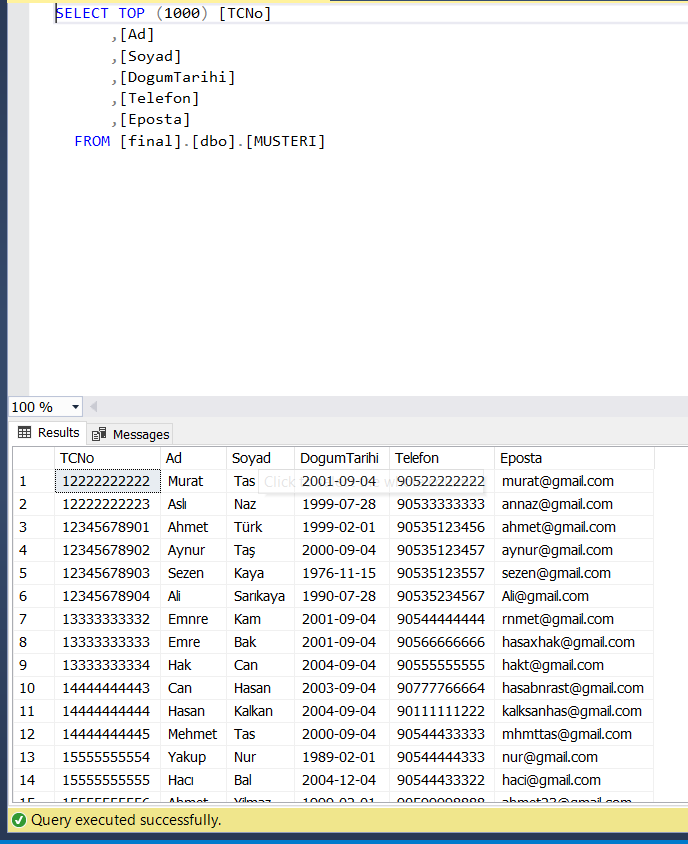












SGL SERVER KODLARI

USE [master]

GO

/\*\*\*\*\*\* Object: Database [final] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

CREATE DATABASE [final]

CONTAINMENT = NONE

ON PRIMARY

( NAME = N'test1', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSERVER\MSSQL\DATA\test1.mdf' , SIZE = 102400KB , MAXSIZE = UNLIMITED, FILEGROWTH = 65536KB )

LOG ON

( NAME = N'test1\_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL16.MSSQLSERVER\MSSQL\DATA\test1\_log.ldf' , SIZE = 153600KB , MAXSIZE = 2048GB , FILEGROWTH = 65536KB )

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

GO

ALTER DATABASE [final] SET COMPATIBILITY\_LEVEL = 160

GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))

begin

EXEC [final].[dbo].[sp\_fulltext\_database] @action = 'enable'

end

GO

ALTER DATABASE [final] SET ANSI\_NULL\_DEFAULT OFF

GO

ALTER DATABASE [final] SET ANSI\_NULLS OFF

GO

ALTER DATABASE [final] SET ANSI\_PADDING OFF

GO

ALTER DATABASE [final] SET ANSI\_WARNINGS OFF

GO

ALTER DATABASE [final] SET ARITHABORT OFF

GO

ALTER DATABASE [final] SET AUTO\_CLOSE OFF

GO

ALTER DATABASE [final] SET AUTO\_SHRINK OFF

GO

ALTER DATABASE [final] SET AUTO\_UPDATE\_STATISTICS ON

GO

ALTER DATABASE [final] SET CURSOR\_CLOSE\_ON\_COMMIT OFF

GO

ALTER DATABASE [final] SET CURSOR\_DEFAULT GLOBAL

GO

ALTER DATABASE [final] SET CONCAT\_NULL\_YIELDS\_NULL OFF

GO

ALTER DATABASE [final] SET NUMERIC\_ROUNDABORT OFF

GO

ALTER DATABASE [final] SET QUOTED\_IDENTIFIER OFF

GO

ALTER DATABASE [final] SET RECURSIVE\_TRIGGERS OFF

GO

ALTER DATABASE [final] SET DISABLE\_BROKER

GO

ALTER DATABASE [final] SET AUTO\_UPDATE\_STATISTICS\_ASYNC OFF

GO

ALTER DATABASE [final] SET DATE\_CORRELATION\_OPTIMIZATION OFF

GO

ALTER DATABASE [final] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [final] SET ALLOW\_SNAPSHOT\_ISOLATION OFF

GO

ALTER DATABASE [final] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [final] SET READ\_COMMITTED\_SNAPSHOT OFF

GO

ALTER DATABASE [final] SET HONOR\_BROKER\_PRIORITY OFF

GO

ALTER DATABASE [final] SET RECOVERY FULL

GO

ALTER DATABASE [final] SET MULTI\_USER

GO

ALTER DATABASE [final] SET PAGE\_VERIFY CHECKSUM

GO

ALTER DATABASE [final] SET DB\_CHAINING OFF

GO

ALTER DATABASE [final] SET FILESTREAM( NON\_TRANSACTED\_ACCESS = OFF )

GO

ALTER DATABASE [final] SET TARGET\_RECOVERY\_TIME = 60 SECONDS

GO

ALTER DATABASE [final] SET DELAYED\_DURABILITY = DISABLED

GO

ALTER DATABASE [final] SET ACCELERATED\_DATABASE\_RECOVERY = OFF

GO

EXEC sys.sp\_db\_vardecimal\_storage\_format N'final', N'ON'

GO

ALTER DATABASE [final] SET QUERY\_STORE = ON

GO

ALTER DATABASE [final] 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 [final]

GO

/\*\*\*\*\*\* Object: Table [dbo].[BANKA] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[BANKA](

[Kod] [int] NOT NULL,

[Sifre] [nvarchar](50) NULL,

[Ad] [nchar](50) NULL,

CONSTRAINT [PK\_BANKA] PRIMARY KEY CLUSTERED

(

[Kod] 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].[HESAP] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[HESAP](

[HesapNo] [int] NOT NULL,

[Bakiye] [decimal](10, 2) NULL,

[Tur] [nvarchar](50) NULL,

[BankaKod] [int] NULL,

[SubeNo] [int] NULL,

[TCNo] [nvarchar](11) NULL,

CONSTRAINT [PK\_HESAP] PRIMARY KEY CLUSTERED

(

[HesapNo] 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].[HESAPI] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[HESAPI](

[TCNo] [nvarchar](11) NULL,

[HesapNo] [int] NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[ISLEM] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ISLEM](

[IslemNo] [int] NOT NULL,

[TCNo] [nvarchar](11) NULL,

[Bakıye] [decimal](10, 2) NULL,

[IslemTarihi] [datetime] NULL,

[IslmTuru] [nvarchar](50) NULL,

[Tutar] [decimal](10, 2) NULL,

[BankaKod] [int] NULL,

[SubeNo] [int] NOT NULL,

CONSTRAINT [PK\_ISLEM] PRIMARY KEY CLUSTERED

(

[IslemNo] 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].[ISLEMI] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[ISLEMI](

[TCNo] [nvarchar](11) NULL,

[IslemNo] [int] NULL

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[KREDI] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[KREDI](

[KrediNo] [int] NOT NULL,

[KrediTuru] [nvarchar](50) NULL,

[KrediMiktarr] [decimal](10, 2) NULL,

[FaizOran] [decimal](5, 2) NULL,

[BankaKod] [int] NULL,

[SubeNo] [int] NULL,

[HesapNo] [int] NULL,

[TCNo] [nvarchar](11) NULL,

CONSTRAINT [PK\_KREDI] PRIMARY KEY CLUSTERED

(

[KrediNo] 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].[KREDISI] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[KREDISI](

[KrediNo] [int] NOT NULL,

[TCNo] [nvarchar](11) NULL,

CONSTRAINT [PK\_KREDISI] PRIMARY KEY CLUSTERED

(

[KrediNo] 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].[MUSTERI] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[MUSTERI](

[TCNo] [nvarchar](11) NOT NULL,

[Ad] [nvarchar](50) NULL,

[Soyad] [nvarchar](50) NULL,

[DogumTarihi] [date] NULL,

[Telefon] [nvarchar](20) NULL,

[Eposta] [nvarchar](50) NULL,

CONSTRAINT [PK\_MUSTERI] PRIMARY KEY CLUSTERED

(

[TCNo] 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].[SUBE] Script Date: 12.06.2023 01:56:57 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[SUBE](

[SubeNo] [int] NOT NULL,

[BankaKod] [int] NULL,

[SubeAdres] [nvarchar](100) NULL,

[SubeTelefon] [nvarchar](20) NULL,

CONSTRAINT [PK\_SUBE] PRIMARY KEY CLUSTERED

(

[SubeNo] 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

INSERT [dbo].[BANKA] ([Kod], [Sifre], [Ad]) VALUES (11223, N'987654321', N'HALK ')

GO

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (100000, CAST(6000.00 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'12345678904')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (111111, CAST(98762.80 AS Decimal(10, 2)), N'Şirket ', 11223, 6, N'12345678903')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (111112, CAST(6777.00 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'12345678902')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (123456, CAST(500000.00 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'12345678901')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (135790, CAST(300000.40 AS Decimal(10, 2)), N'Bireysel', 11223, 4, N'12222222223')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (165432, CAST(9000000.00 AS Decimal(10, 2)), N'Şirket ', 11223, 2, N'13333333332')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (222221, CAST(7000.00 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'14444444443')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (222222, CAST(5000.09 AS Decimal(10, 2)), N'Bireysel', 11223, 7, N'13333333334')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (245677, CAST(2578.68 AS Decimal(10, 2)), N'Bireysel', 11223, 5, N'15555555554')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (333333, CAST(8000000.00 AS Decimal(10, 2)), N'Bireysel', 11223, 8, N'14444444445')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (333334, CAST(122345.09 AS Decimal(10, 2)), N'Bireysel', 11223, 9, N'16666666665')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (444443, CAST(900000.00 AS Decimal(10, 2)), N'Şirket ', 11223, 1, N'15555555556')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (444444, CAST(555555.00 AS Decimal(10, 2)), N'Bireysel', 11223, 10, N'16666666667')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (555554, CAST(4567.90 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'17777777776')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (555555, CAST(988888.00 AS Decimal(10, 2)), N'Şirket ', 11223, 11, N'18888888887')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (555556, CAST(977748.00 AS Decimal(10, 2)), N'Bireysel', 11223, 12, N'17777777778')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (666667, CAST(66.00 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'18888888889')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (777776, CAST(7888888.00 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'19999999998')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (777777, CAST(9999998.00 AS Decimal(10, 2)), N'Şirket ', 11223, 1, N'12222222222')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (777778, CAST(900000.00 AS Decimal(10, 2)), N'Şirket ', 11223, 1, N'13333333333')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (888887, CAST(50000.00 AS Decimal(10, 2)), N'Bireysel', 11223, 12, N'14444444444')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (888888, CAST(8000000.00 AS Decimal(10, 2)), N'Şirket ', 11223, 2, N'15555555555')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (888889, CAST(400.00 AS Decimal(10, 2)), N'Bireysel', 11223, 4, N'16666666666')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (987654, CAST(500020.00 AS Decimal(10, 2)), N'Bireysel', 11223, 3, N'17777777777')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (999998, CAST(500.78 AS Decimal(10, 2)), N'Bireysel', 11223, 2, N'18888888888')

INSERT [dbo].[HESAP] ([HesapNo], [Bakiye], [Tur], [BankaKod], [SubeNo], [TCNo]) VALUES (999999, CAST(3000.00 AS Decimal(10, 2)), N'Bireysel', 11223, 1, N'19999999999')

GO

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'12345678904', 100000)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'12345678903', 111111)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'12345678902', 111112)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'12345678901', 123456)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'12222222223', 135790)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'17777777778', 555556)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'18888888889', 666667)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'19999999998', 777776)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'12222222222', 777777)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'13333333333', 777778)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'14444444444', 888887)

INSERT [dbo].[HESAPI] ([TCNo], [HesapNo]) VALUES (N'15555555555', 888888)

GO

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (1, N'12345678903', CAST(1600.00 AS Decimal(10, 2)), CAST(N'2023-07-03T12:07:22.000' AS DateTime), N'yatırma', CAST(1000.00 AS Decimal(10, 2)), 11223, 11)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (2, N'12345678903', CAST(39000.00 AS Decimal(10, 2)), CAST(N'2023-05-01T09:15:00.000' AS DateTime), N'çekme', CAST(2000.00 AS Decimal(10, 2)), 11223, 1)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (3, N'12222222223', CAST(23344.00 AS Decimal(10, 2)), CAST(N'2023-09-07T00:00:00.000' AS DateTime), N'yatırma', CAST(100.00 AS Decimal(10, 2)), 11223, 1)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (4, N'13333333333', CAST(100.00 AS Decimal(10, 2)), CAST(N'2023-06-05T00:00:00.000' AS DateTime), N'çekme', CAST(10.00 AS Decimal(10, 2)), 11223, 1)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (5, N'12345678904', CAST(20000.00 AS Decimal(10, 2)), CAST(N'2023-12-11T00:00:00.000' AS DateTime), N'yatırma', CAST(11.00 AS Decimal(10, 2)), 11223, 2)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (6, N'13333333332', CAST(900000.00 AS Decimal(10, 2)), CAST(N'2023-11-25T00:00:00.000' AS DateTime), N'yatırma', CAST(100.00 AS Decimal(10, 2)), 11223, 3)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (7, N'19999999998', CAST(3000.00 AS Decimal(10, 2)), CAST(N'2022-09-09T00:00:00.000' AS DateTime), N'çekme ', CAST(12.00 AS Decimal(10, 2)), 11223, 4)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (8, N'18888888889', CAST(2000.00 AS Decimal(10, 2)), CAST(N'2022-03-03T00:00:00.000' AS DateTime), N'çekme', CAST(11.11 AS Decimal(10, 2)), 11223, 5)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (9, N'18888888887', CAST(10000.00 AS Decimal(10, 2)), CAST(N'2023-11-12T00:00:00.000' AS DateTime), N'yatırıma', CAST(13.00 AS Decimal(10, 2)), 11223, 6)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (10, N'17777777778', CAST(300.00 AS Decimal(10, 2)), CAST(N'2023-11-10T00:00:00.000' AS DateTime), N'çekme', CAST(10.00 AS Decimal(10, 2)), 11223, 7)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (11, N'17777777776', CAST(4000.00 AS Decimal(10, 2)), CAST(N'2023-12-04T00:00:00.000' AS DateTime), N'yatırıma', CAST(11.22 AS Decimal(10, 2)), 11223, 1)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (12, N'16666666667', CAST(5000.00 AS Decimal(10, 2)), CAST(N'2023-12-08T00:00:00.000' AS DateTime), N'yatırıma', CAST(11.11 AS Decimal(10, 2)), 11223, 1)

INSERT [dbo].[ISLEM] ([IslemNo], [TCNo], [Bakıye], [IslemTarihi], [IslmTuru], [Tutar], [BankaKod], [SubeNo]) VALUES (13, N'16666666665', CAST(90000.00 AS Decimal(10, 2)), CAST(N'2023-11-01T00:00:00.000' AS DateTime), N'çekme', CAST(20.00 AS Decimal(10, 2)), 11223, 1)

GO

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'12345678903', 1)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'12345678903', 2)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'12222222223', 3)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'13333333333', 4)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'12345678904', 5)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'13333333332', 6)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'19999999998', 7)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'18888888889', 8)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'18888888887', 9)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'17777777778', 10)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'17777777776', 11)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'16666666667', 12)

INSERT [dbo].[ISLEMI] ([TCNo], [IslemNo]) VALUES (N'16666666665', 13)

GO

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (1, N'İhtiyaç', CAST(5000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 1, 123456, N'12345678901')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (2, N'Konut', CAST(100000.00 AS Decimal(10, 2)), CAST(0.10 AS Decimal(5, 2)), 11223, 2, 165432, N'13333333332')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (3, N'Taşıt', CAST(25000.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 3, 100000, N'12345678904')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (4, N'İhtiyaç', CAST(5000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 4, 555555, N'18888888887')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (5, N'Konut', CAST(50040.00 AS Decimal(10, 2)), CAST(0.10 AS Decimal(5, 2)), 11223, 5, 555554, N'17777777776')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (6, N'Konut', CAST(503300.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 6, 444444, N'16666666667')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (7, N'Konut', CAST(5020.00 AS Decimal(10, 2)), CAST(0.10 AS Decimal(5, 2)), 11223, 7, 555555, N'18888888887')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (8, N'Konut', CAST(2200.00 AS Decimal(10, 2)), CAST(0.10 AS Decimal(5, 2)), 11223, 8, 444443, N'15555555556')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (9, N'İhtiyaç', CAST(200.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 9, 333334, N'16666666665')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (10, N'İhtiyaç', CAST(5000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 11, 111112, N'12345678902')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (11, N'İhtiyaç', CAST(50000.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 12, 222221, N'14444444443')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (12, N'İhtiyaç', CAST(50200.00 AS Decimal(10, 2)), CAST(0.10 AS Decimal(5, 2)), 11223, 12, 111112, N'12345678902')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (13, N'İhtiyaç', CAST(502200.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 13, 111111, N'12345678903')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (14, N'Taşıt', CAST(555000.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 1, 111111, N'12345678903')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (15, N'İhtiyaç', CAST(55000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 1, 100000, N'12345678904')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (16, N'Taşıt', CAST(50000.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 11, 555555, N'18888888887')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (17, N'İhtiyaç', CAST(3000.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 1, 555554, N'17777777776')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (18, N'İhtiyaç', CAST(6000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 1, 333333, N'14444444445')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (19, N'İhtiyaç', CAST(95000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 14, 222222, N'13333333334')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (20, N'İhtiyaç', CAST(7000.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 13, 444444, N'16666666667')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (21, N'İhtiyaç', CAST(35000.00 AS Decimal(10, 2)), CAST(0.10 AS Decimal(5, 2)), 11223, 15, 555555, N'18888888887')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (22, N'İhtiyaç', CAST(35000.00 AS Decimal(10, 2)), CAST(0.12 AS Decimal(5, 2)), 11223, 16, 777777, N'12222222222')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (23, N'Taşıt', CAST(25000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 1, 777777, N'12222222222')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (24, N'Taşıt', CAST(85000.00 AS Decimal(10, 2)), CAST(0.15 AS Decimal(5, 2)), 11223, 1, 999999, N'19999999999')

INSERT [dbo].[KREDI] ([KrediNo], [KrediTuru], [KrediMiktarr], [FaizOran], [BankaKod], [SubeNo], [HesapNo], [TCNo]) VALUES (25, N'İhtiyaç', CAST(55000.00 AS Decimal(10, 2)), CAST(0.10 AS Decimal(5, 2)), 11223, 1, 888888, N'15555555555')

GO

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (1, N'12345678901')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (2, N'13333333332')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (3, N'12345678904')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (4, N'18888888887')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (5, N'17777777776')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (6, N'16666666667')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (7, N'18888888887')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (8, N'15555555556')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (9, N'16666666665')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (10, N'12345678902')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (11, N'14444444443')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (12, N'12345678902')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (13, N'18888888887')

INSERT [dbo].[KREDISI] ([KrediNo], [TCNo]) VALUES (14, N'15555555556')

GO

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'12222222222', N'Murat', N'Tas', CAST(N'2001-09-04' AS Date), N'90522222222', N'murat@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'12222222223', N'Aslı ', N'Naz', CAST(N'1999-07-28' AS Date), N'90533333333', N'annaz@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'12345678901', N'Ahmet ', N'Türk ', CAST(N'1999-02-01' AS Date), N'90535123456', N'ahmet@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'12345678902', N'Aynur', N'Taş', CAST(N'2000-09-04' AS Date), N'90535123457', N'aynur@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'12345678903', N'Sezen', N'Kaya', CAST(N'1976-11-15' AS Date), N'90535123557', N'sezen@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'12345678904', N'Ali', N'Sarıkaya', CAST(N'1990-07-28' AS Date), N'90535234567', N'Ali@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'13333333332', N'Emnre', N'Kam', CAST(N'2001-09-04' AS Date), N'90544444444', N'rnmet@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'13333333333', N'Emre', N'Bak', CAST(N'2001-09-04' AS Date), N'90566666666', N'hasaxhak@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'13333333334', N'Hak', N'Can', CAST(N'2004-09-04' AS Date), N'90555555555', N'hakt@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'14444444443', N'Can', N'Hasan', CAST(N'2003-09-04' AS Date), N'90777766664', N'hasabnrast@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'14444444444', N'Hasan', N'Kalkan ', CAST(N'2004-09-04' AS Date), N'90111111222', N'kalksanhas@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'14444444445', N'Mehmet', N'Tas', CAST(N'2000-09-04' AS Date), N'90544433333', N'mhmttas@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'15555555554', N'Yakup', N'Nur', CAST(N'1989-02-01' AS Date), N'90544444333', N'nur@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'15555555555', N'Hacı ', N'Bal', CAST(N'2004-12-04' AS Date), N'90544433322', N'haci@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'15555555556', N'Ahmet', N'Yilmaz', CAST(N'1999-02-01' AS Date), N'90599998888', N'ahmet23@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'16666666665', N'Naz', N'Ahmet', CAST(N'2002-11-28' AS Date), N'90588888844', N'nazahmet@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'16666666667', N'Merve', N'Hab', CAST(N'2000-09-23' AS Date), N'90543302011', N'mwevw23@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'17777777776', N'Aysel', N'Has', CAST(N'2000-11-04' AS Date), N'90500000222', N'aysel87@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'17777777778', N'Nursema', N'Bal', CAST(N'2003-08-04' AS Date), N'90543221345', N'nrsema2@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'18888888887', N'Sema', N'Kal', CAST(N'2001-09-04' AS Date), N'90554433222', N'tek12@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'18888888889', N'Mustafa', N'Tek', CAST(N'2001-09-07' AS Date), N'90500002345', N'mustafa56@gmail.com')

INSERT [dbo].[MUSTERI] ([TCNo], [Ad], [Soyad], [DogumTarihi], [Telefon], [Eposta]) VALUES (N'19999999998', N'Sena', N'Sena', CAST(N'2001-09-04' AS Date), N'90534204444', N'Asenaooo6@gmail.com')

GO

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (1, 11223, N'İSTANBUL ', N'22001')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (2, 11223, N'ANKARA', N'22002')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (3, 11223, N'Muş ', N'22001')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (4, 11223, N'Mersin', N'22111')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (5, 11223, N'Istanbul ', N'22333')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (6, 11223, N'Ankara ', N'22666')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (7, 11223, N'Istanbul ', N'22007')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (11, 11223, N'ANKARA', N'22111')

INSERT [dbo].[SUBE] ([SubeNo], [BankaKod], [SubeAdres], [SubeTelefon]) VALUES (12, 11223, N'AMASYA', N'22112')

GO

ALTER TABLE [dbo].[HESAPI] WITH CHECK ADD CONSTRAINT [FK\_HESAPI\_HESAP] FOREIGN KEY([HesapNo])

REFERENCES [dbo].[HESAP] ([HesapNo])

GO

ALTER TABLE [dbo].[HESAPI] CHECK CONSTRAINT [FK\_HESAPI\_HESAP]

GO

ALTER TABLE [dbo].[HESAPI] WITH CHECK ADD CONSTRAINT [FK\_HESAPI\_MUSTERI] FOREIGN KEY([TCNo])

REFERENCES [dbo].[MUSTERI] ([TCNo])

GO

ALTER TABLE [dbo].[HESAPI] CHECK CONSTRAINT [FK\_HESAPI\_MUSTERI]

GO

ALTER TABLE [dbo].[ISLEM] WITH CHECK ADD CONSTRAINT [FK\_ISLEM\_BANKA] FOREIGN KEY([BankaKod])

REFERENCES [dbo].[BANKA] ([Kod])

GO

ALTER TABLE [dbo].[ISLEM] CHECK CONSTRAINT [FK\_ISLEM\_BANKA]

GO

ALTER TABLE [dbo].[ISLEM] WITH CHECK ADD CONSTRAINT [FK\_ISLEM\_SUBE] FOREIGN KEY([SubeNo])

REFERENCES [dbo].[SUBE] ([SubeNo])

GO

ALTER TABLE [dbo].[ISLEM] CHECK CONSTRAINT [FK\_ISLEM\_SUBE]

GO

ALTER TABLE [dbo].[ISLEMI] WITH CHECK ADD CONSTRAINT [FK\_ISLEMI\_ISLEM] FOREIGN KEY([IslemNo])

REFERENCES [dbo].[ISLEM] ([IslemNo])

GO

ALTER TABLE [dbo].[ISLEMI] CHECK CONSTRAINT [FK\_ISLEMI\_ISLEM]

GO

ALTER TABLE [dbo].[ISLEMI] WITH CHECK ADD CONSTRAINT [FK\_ISLEMI\_MUSTERI] FOREIGN KEY([TCNo])

REFERENCES [dbo].[MUSTERI] ([TCNo])

GO

ALTER TABLE [dbo].[ISLEMI] CHECK CONSTRAINT [FK\_ISLEMI\_MUSTERI]

GO

ALTER TABLE [dbo].[KREDISI] WITH CHECK ADD CONSTRAINT [FK\_KREDISI\_KREDI] FOREIGN KEY([KrediNo])

REFERENCES [dbo].[KREDI] ([KrediNo])

GO

ALTER TABLE [dbo].[KREDISI] CHECK CONSTRAINT [FK\_KREDISI\_KREDI]

GO

ALTER TABLE [dbo].[KREDISI] WITH CHECK ADD CONSTRAINT [FK\_KREDISI\_MUSTERI] FOREIGN KEY([TCNo])

REFERENCES [dbo].[MUSTERI] ([TCNo])

GO

ALTER TABLE [dbo].[KREDISI] CHECK CONSTRAINT [FK\_KREDISI\_MUSTERI]

GO

ALTER TABLE [dbo].[SUBE] WITH CHECK ADD CONSTRAINT [FK\_SUBE\_BANKA] FOREIGN KEY([BankaKod])

REFERENCES [dbo].[BANKA] ([Kod])

GO

ALTER TABLE [dbo].[SUBE] CHECK CONSTRAINT [FK\_SUBE\_BANKA]

GO

USE [master]

GO

ALTER DATABASE [final] SET READ\_WRITE

GO

ARA YÜZ PROGRAM KODLARI

Form1.cs

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace tes1

{

public partial class Form1 : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand com;

public Form1()

{

InitializeComponent();

}

private void groupBox1\_Enter(object sender, EventArgs e)

{

string user = textBox1.Text;

string password = textBox3.Text;

con = new SqlConnection("Data Source=DESKTOP-JHBLRGR;Initial Catalog=final;Integrated Security=True");

com = new SqlCommand();

con.Open();

com.Connection = con;

com.CommandText = "SELECT \* FROM BANKA WHERE Kod = '" + textBox1.Text + "' AND Sifre = '" + textBox3.Text + "'";

dr = com.ExecuteReader();

if (dr.Read())

{

Form2 form2 = new Form2();

form2.Show();

this.Hide();

}

else

{

MessageBox.Show("Kod veya şifre hatalı!", "Hata", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

private void Form1\_Load(object sender, EventArgs e)

{

}

private void button1\_Click(object sender, EventArgs e)

{

string kod = "11223";

string sifre = "123456789";

if (textBox1.Text == kod && textBox3.Text == sifre)

{

Form2 form2 = new Form2();

form2.Show();

this.Hide();

}

else

{

MessageBox.Show("Kod veya şifre hatalı!", "Hata", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

private void textBox3\_TextChanged(object sender, EventArgs e)

{

}

private void groupBox1\_Enter\_1(object sender, EventArgs e)

{

}

}

}

Form2.cs

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace tes1

{

public partial class Form2 : Form

{

public Form2()

{

InitializeComponent();

}

private void Form2\_Load(object sender, EventArgs e)

{

}

private void button1\_Click(object sender, EventArgs e)

{

Form3 form3 = new Form3();

form3.Show();

this.Hide();

}

private void button5\_Click(object sender, EventArgs e)

{

Form4 gecic = new Form4();

gecic.Show();

this.Hide();

}

private void button4\_Click(object sender, EventArgs e)

{

Form5 gec = new Form5();

gec.Show();

this.Hide();

}

private void button2\_Click(object sender, EventArgs e)

{

Form6 gir = new Form6();

gir.Show();

this.Hide();

}

private void button3\_Click(object sender, EventArgs e)

{

Form7 gir = new Form7();

gir.Show();

this.Hide();

}

}

}

Form3.cs

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace tes1

{

public partial class Form3 : Form

{

public Form3()

{

InitializeComponent();

}

private void dataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

string connectionString = "Data Source=DESKTOP-JHBLRGR;Initial Catalog=final;Integrated Security=True";

string query = "SELECT \* FROM HESAP ";

using (SqlConnection connection = new SqlConnection(connectionString))

{

SqlCommand command = new SqlCommand(query, connection);

SqlDataAdapter adapter = new SqlDataAdapter(command);

DataTable dataTable = new DataTable();

adapter.Fill(dataTable);

dataGridView1.DataSource = dataTable;

}

}

private void Form3\_Load(object sender, EventArgs e)

{

// TODO: Bu kod satırı 'finalDataSet19.HESAP' tablosuna veri yükler. Bunu gerektiği şekilde taşıyabilir, veya kaldırabilirsiniz.

this.hESAPTableAdapter1.Fill(this.finalDataSet19.HESAP);

}

private void button1\_Click(object sender, EventArgs e)

{

Form2 geri = new Form2();

geri.Show();

this.Hide();

}

}

}

Form4.cs

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace tes1

{

public partial class Form4 : Form

{

public Form4()

{

InitializeComponent();

}

private void Form4\_Load(object sender, EventArgs e)

{

// TODO: Bu kod satırı 'finalDataSet18.KREDI' tablosuna veri yükler. Bunu gerektiği şekilde taşıyabilir, veya kaldırabilirsiniz.

this.kREDITableAdapter1.Fill(this.finalDataSet18.KREDI);

}

private void button1\_Click(object sender, EventArgs e)

{

Form2 geri = new Form2();

geri.Show();

this.Hide();

}

private void KREDİLER\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

}

}

Form5.cs

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using System;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace tes1

{

public partial class Form5 : Form

{

public Form5()

{

InitializeComponent();

}

private void Form5\_Load(object sender, EventArgs e)

{

// TODO: Bu kod satırı 'finalDataSet20.ISLEMI' tablosuna veri yükler. Bunu gerektiği şekilde taşıyabilir, veya kaldırabilirsiniz.

this.iSLEMITableAdapter.Fill(this.finalDataSet20.ISLEMI);

}

private void button1\_Click(object sender, EventArgs e)

{

Form2 geri = new Form2();

geri.Show();

this.Hide();

}

private void dataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

}

}

Form6.cs

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using static System.Windows.Forms.VisualStyles.VisualStyleElement;

using System;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace tes1

{

public partial class Form6 : Form

{

public Form6()

{

InitializeComponent();

}

private void Form6\_Load(object sender, EventArgs e)

{

// TODO: Bu kod satırı 'finalDataSet26.ISLEM' tablosuna veri yükler. Bunu gerektiği şekilde taşıyabilir, veya kaldırabilirsiniz.

this.iSLEMTableAdapter2.Fill(this.finalDataSet26.ISLEM);

// TODO: Bu kod satırı 'finalDataSet24.KREDI' tablosuna veri yükler. Bunu gerektiği şekilde taşıyabilir, veya kaldırabilirsiniz.

this.kREDITableAdapter1.Fill(this.finalDataSet24.KREDI);

// TODO: Bu kod satırı 'finalDataSet23.HESAP' tablosuna veri yükler. Bunu gerektiği şekilde taşıyabilir, veya kaldırabilirsiniz.

this.hESAPTableAdapter1.Fill(this.finalDataSet23.HESAP);

// TODO: Bu kod satırı 'finalDataSet22.MUSTERI' tablosuna veri yükler. Bunu gerektiği şekilde taşıyabilir, veya kaldırabilirsiniz.

this.mUSTERITableAdapter1.Fill(this.finalDataSet22.MUSTERI);

}

private void button1\_Click(object sender, EventArgs e)

{

Form2 geri = new Form2();

geri.Show();

this.Hide();

}

private void dataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

private void dataGridView2\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

private void dataGridView1\_CellContentClick\_1(object sender, DataGridViewCellEventArgs e)

{

}

private void button2\_Click(object sender, EventArgs e)

{

string tcNo = textBox1.Text; // TCNo'nun girildiği TextBox'ın adını varsayılan olarak textBox1 olarak kabul edelim

// Müşteri tablosundan müşteri bilgilerini almak için bir sorgu

string musteriSorgusu = "SELECT \* FROM MUSTERI WHERE TCNO = '" + tcNo + "'";

// Hesap tablosundan hesap bilgilerini almak için bir sorgu

string hesapSorgusu = "SELECT \* FROM HESAP WHERE TCNO = '" + tcNo + "'";

// İşlem tablosundan işlem bilgilerini almak için bir sorgu

string islemSorgusu = "SELECT \* FROM ISLEM WHERE TCNO = '" + tcNo + "'";

// Kredi tablosundan kredi bilgilerini almak için bir sorgu

string krediSorgusu = "SELECT \* FROM KREDI WHERE TCNO = '" + tcNo + "'";

// Veri tabanından sorguları çalıştırarak sonuçları

DataTable musteriTablosu = new DataTable();

DataTable hesapTablosu = new DataTable();

DataTable islemTablosu = new DataTable();

DataTable krediTablosu = new DataTable();

using (SqlConnection connection = new SqlConnection("Data Source=DESKTOP-JHBLRGR;Initial Catalog=final;Integrated Security=True"))

{

connection.Open();

SqlDataAdapter musteriAdapter = new SqlDataAdapter(musteriSorgusu, connection);

SqlDataAdapter hesapAdapter = new SqlDataAdapter(hesapSorgusu, connection);

SqlDataAdapter islemAdapter = new SqlDataAdapter(islemSorgusu, connection);

SqlDataAdapter krediAdapter = new SqlDataAdapter(krediSorgusu, connection);

musteriAdapter.Fill(musteriTablosu);

hesapAdapter.Fill(hesapTablosu);

islemAdapter.Fill(islemTablosu);

krediAdapter.Fill(krediTablosu);

}

}

}

}

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