**AD SOYAD: MUSTAFA SİNAN KIRNAPCI**

**ÖĞRENCİ NO: S210211235**

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**Uygulama Tanıtımı:** Bir okul içerisinde soru bankası oluşturularak sınav hazırlanması uygulaması.

**İş Kuralları:**

Öğrenci ve öğretmen, insandan kalıtım alır.

Öğretmenler soru bankasına soru ekleyebilirler ve sınav hazırlarlar.

Öğrenciler sınava girerler ve sonuç belgesi alırlar.

Her öğretmen bir sınıfın rehber öğretmenidir ve her öğretmen kendi sınıfına sınav hazırlar.

Sorular derslere göre ve zorluk derecesine göre ayrılır.

Bir Müşterinin birden çok adresi olabilir.

Her öğretmen ve öğrenci bir okulda bulunur.

Her sorunun bir doğru cevabı vardır.

Her dersin sayısal ve sözel olmak üzere türü bulunur.

Her dersin haftalık ders saati bulunur.

Her sınavda bir öğrenci için bir sonuç belgesi olur.

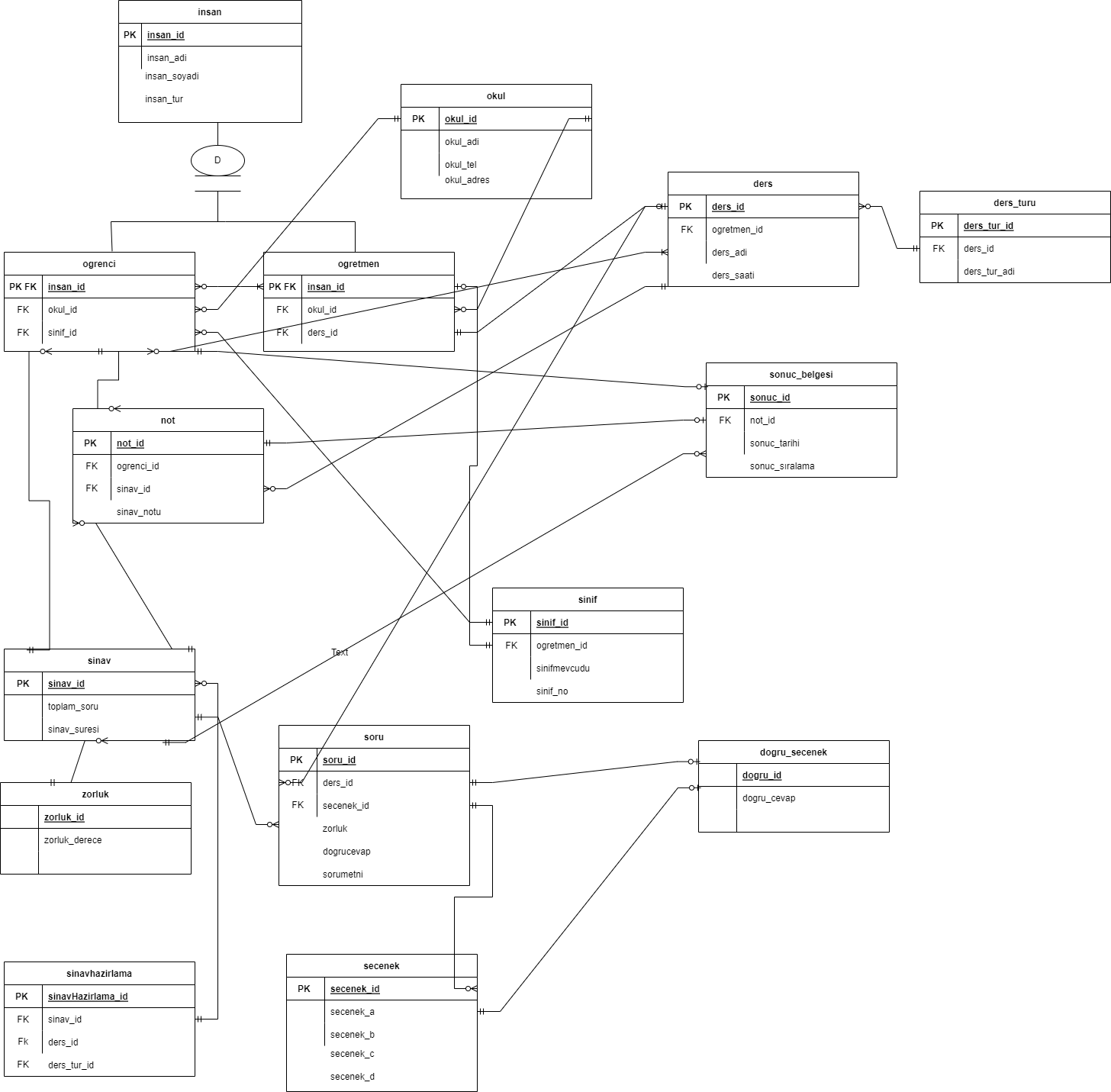
Her öğrencinin bir de sınav notu bulunur.

Her öğretmenin uzman olduğu dersler bulunur.

Farklı derslerin sınavları hazırlanabilir.

Her sınavdan sonra sonuç belgesinde sıralamalar belli olur

Her sorunun bir id si vardır.

**Varlık Bağıntı Modeli:**

**İlişkisel Şema:**

• İnsan(**insan\_id:Integer**, insan\_adi: varChar, insan\_soyad: varChar, insan\_tur: varchar )

• Ogrenci(**insan\_id:Integer**, **okul\_id:Integer,sinif\_id:Integer**)

• Ogretmen(**insan\_id:Integer, okul\_id:Integer, ders\_id:Integer**)

• Ders(**ders\_id:Integer, ogretmen\_id:Integer**, ders\_adi:varchar,ders\_saati:varchar)

• Ders\_tur(**ders\_tur\_id:Integer, ders\_id:Integer**, ders\_tur\_adi:varchar)

• Dogru\_secenek(**dogru\_id:Integer,** dogruvecap:varchar)

• Not(**not\_id:Integer, ogrenci\_id:Integer, sinav\_id:Integer,** sinav\_notu:varchar)

• Okul(**okul\_id:Integer,** okul\_adi:varchar, okul\_adres:text, okul\_tel:varchar)

• Secenek(**secenek\_id:Integer,** seçenek\_a:text, seçenek\_b:text, seçenek\_c:text, seçenek\_d:text)

•Sinav(**sinav\_id:Integer,** toplam\_soru:Integer, sinav\_suresi\_varchar)

• SinavHazirlama(**sinav\_hazirlama\_id:Integer, ders\_id:Integer, soru\_id:Integer, ders\_tur\_id:Integer**)

•Sinif(**sinif\_id:Integer, ogretmen\_id:Integer**, sinif\_mevcudu:Integer, sinif\_no:varchar)

• Sonuc\_belgesi(**sonuç\_id:Integer**, **not\_id:Integer**, sonuc\_tarihi:date, sonuc\_siralama:Integer)

• Soru(**soru\_id:Integer**, soru\_metni:text, zorluk:varchar, dogrucevap:char, seçenek\_id:Integer)

• Zorluk(**zorluk\_id:Integer,** zorluk\_derece:varchar)

**Fonksiyon:**

**metin içeren bir resim

Açıklama otomatik olarak oluşturuldu**

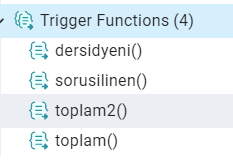
**dersgetir() : Ders tablosunda içindeki harflere göre ders id ve ders adi getirir.**

**derssayisi: Ders tablosundaki ders sayisini getirir.**

**okulsayisi(): Okul tablosundaki okul sayısını getirir.**

**sorubul(): Soru id si girilen sorunun zorluk derecesini getirir.**

**Trigger:**

****

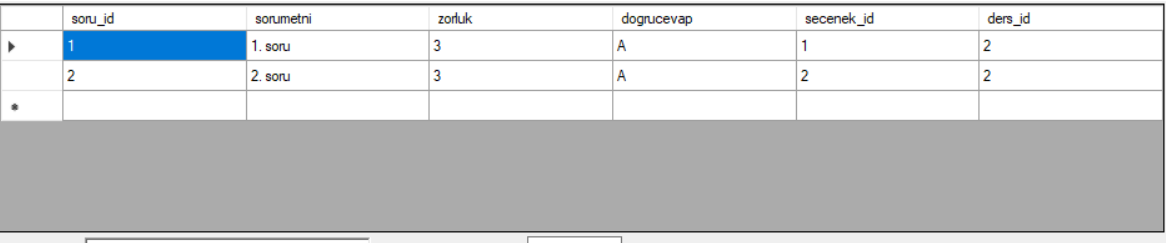
**dersidyeni(): Bir dersin id si değiştiğinde eski ders id si, yeni ders id si ve soru id sini tabloda listeler.**

**Sorusilinen(): Bir soru silinince silinen soru id sini ve dogru cevabı tabloda listeler**

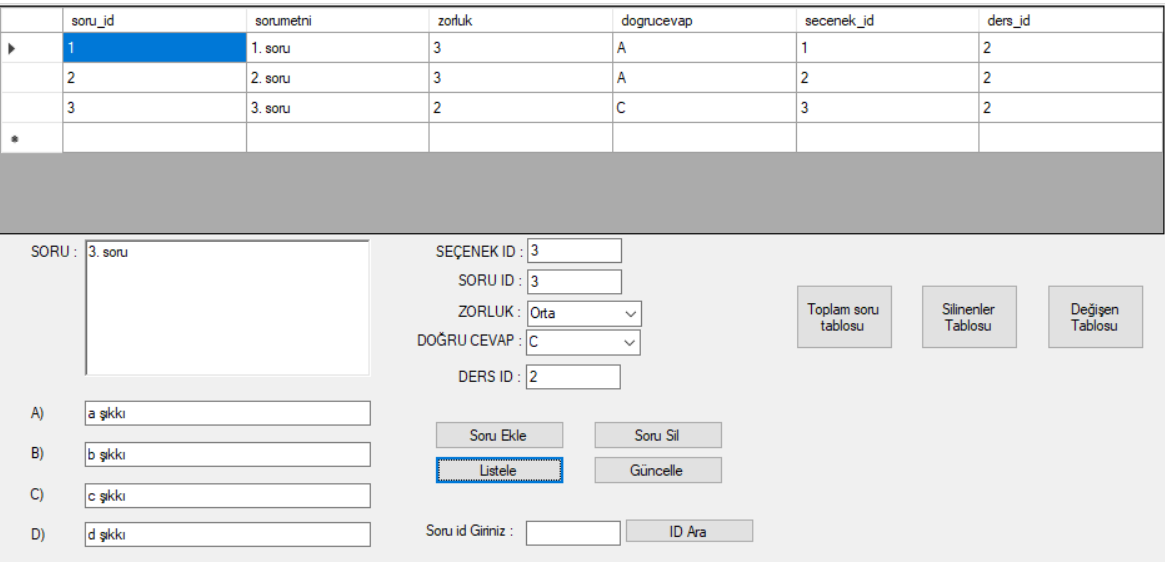
**toplam2(): Soru silinince toplam soru sayısını günceller.**

**toplam(): Soru eklenince toplam soru sayısını günceller.**

**Ekleme**

****

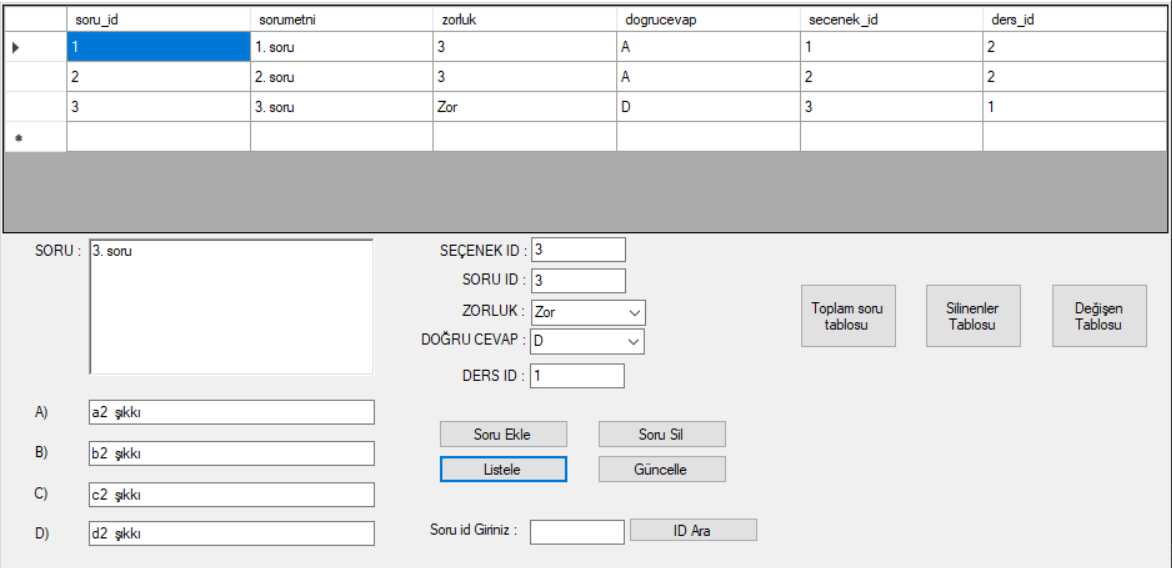
**Soru id si 3 olan soru eklenip listelenmiştir.**

****

**Güncelleme: tablo içeren bir resim

Açıklama otomatik olarak oluşturuldu**

**Soru id si 3 olan soru güncellenip listelenmiştir.**

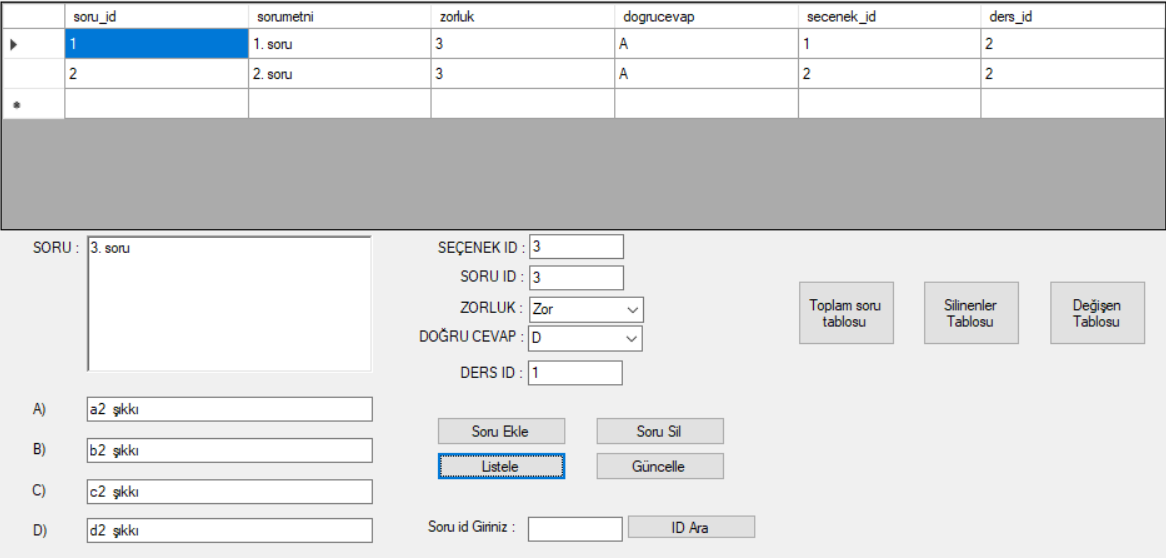
****

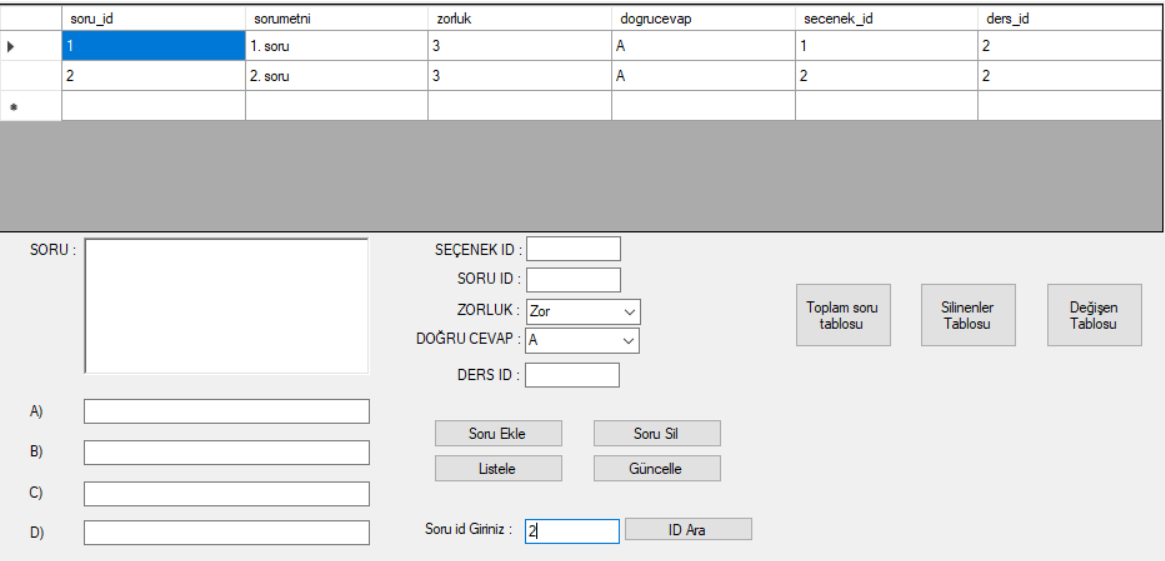
**Silme:**

**tablo içeren bir resim

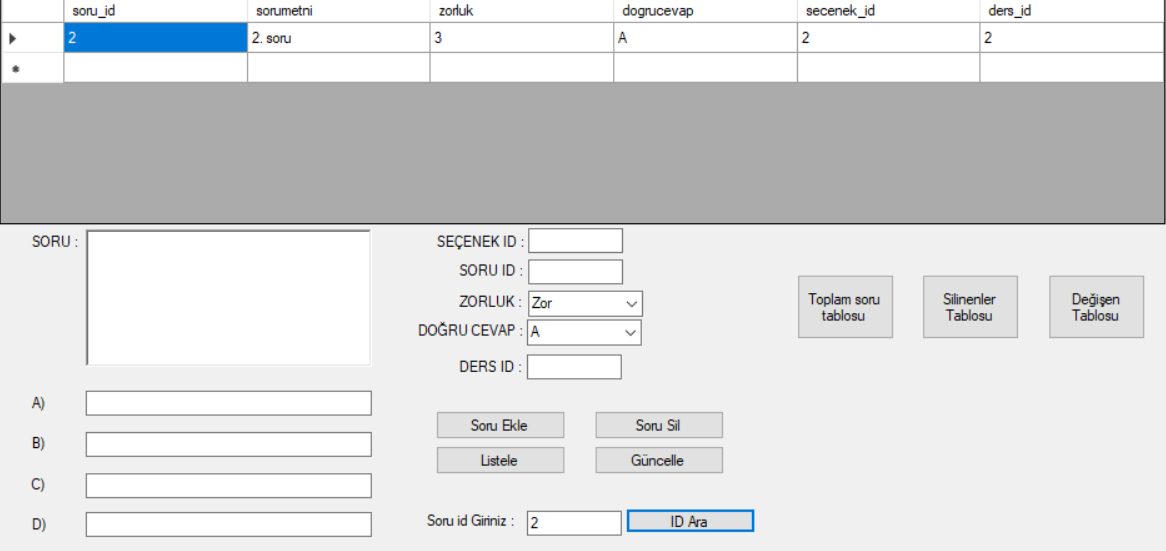
Açıklama otomatik olarak oluşturuldu**

**Soru id si 3 olan soru silinip listelenmiştir.**

****

**Arama:**

**Soru id si ile arama yapılan soru tabloda listelenmiştir.**

****

**C# KODLARI:**

using Npgsql;

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;

namespace WindowsFormsApp5

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

NpgsqlConnection baglanti = new NpgsqlConnection("server=localHost; port = 5432; Database=dbSinav; user Id=postgres; password=Ks2523348");

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

{

string sorgu = "select \* from soru";

NpgsqlDataAdapter da = new NpgsqlDataAdapter(sorgu, baglanti);

DataSet ds = new DataSet();

da.Fill(ds);

dataGridView1.DataSource = ds.Tables[0];

}

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

{

baglanti.Open();

NpgsqlCommand komut1 = new NpgsqlCommand("insert into secenek(secenek\_id,secenek\_a,secenek\_b,secenek\_c,secenek\_d) values " +

"(@p1,@p2,@p3,@p4,@p5)", baglanti);

komut1.Parameters.AddWithValue("@p1", int.Parse(txtSecenekId.Text));

komut1.Parameters.AddWithValue("@p2", txtSecenekA.Text);

komut1.Parameters.AddWithValue("@p3", txtSecenekB.Text);

komut1.Parameters.AddWithValue("@p4", txtSecenekC.Text);

komut1.Parameters.AddWithValue("@p5", txtSecenekD.Text);

komut1.ExecuteNonQuery();

NpgsqlCommand komut2 = new NpgsqlCommand("insert into soru(soru\_id,sorumetni,zorluk,dogrucevap,secenek\_id,ders\_id) values" +

"(@p1,@p2,@p3,@p4,@p5,@p6)", baglanti);

komut2.Parameters.AddWithValue("@p1", int.Parse(txtSoruId.Text));

komut2.Parameters.AddWithValue("@p2", rtxtSoru.Text);

komut2.Parameters.AddWithValue("@p3", int.Parse(cmbZorluk.SelectedValue.ToString())) ;

komut2.Parameters.AddWithValue("@p4", cmbDogruCevap.Text);

komut2.Parameters.AddWithValue("@p5", int.Parse(txtSecenekId.Text));

komut2.Parameters.AddWithValue("@p6", int.Parse(txtDersId.Text));

komut2.ExecuteNonQuery();

baglanti.Close();

MessageBox.Show("oldu");

}

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

{

baglanti.Open();

NpgsqlDataAdapter da = new NpgsqlDataAdapter("select \* from zorluk", baglanti);

DataTable dt = new DataTable();

da.Fill(dt);

cmbZorluk.DisplayMember = "zorluk\_derece";

cmbZorluk.ValueMember = "zorluk\_id";

cmbZorluk.DataSource = dt;

NpgsqlDataAdapter da2 = new NpgsqlDataAdapter("select \* from dogru\_secenek", baglanti);

DataTable dt2 = new DataTable();

da2.Fill(dt2);

cmbDogruCevap.DisplayMember = "dogru\_cevap";

cmbDogruCevap.ValueMember = "cevap\_id";

cmbDogruCevap.DataSource = dt2;

baglanti.Close();

}

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

{

baglanti.Open();

NpgsqlCommand komut3 = new NpgsqlCommand("delete from soru where soru\_id=@p1",baglanti);

komut3.Parameters.AddWithValue("@p1", int.Parse(txtSoruId.Text));

komut3.ExecuteNonQuery();

NpgsqlCommand komut4 = new NpgsqlCommand("delete from secenek where secenek\_id=@p1", baglanti);

komut4.Parameters.AddWithValue("@p1", int.Parse(txtSecenekId.Text));

komut4.ExecuteNonQuery();

baglanti.Close();

MessageBox.Show("sildi");

}

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

{

baglanti.Open();

NpgsqlCommand komut4 = new NpgsqlCommand("update soru set sorumetni=@p1,zorluk=@p2,dogrucevap=@p3,ders\_id=@p4 where soru\_id=@p5", baglanti);

komut4.Parameters.AddWithValue("@p1", rtxtSoru.Text);

komut4.Parameters.AddWithValue("@p2", cmbZorluk.Text);

komut4.Parameters.AddWithValue("@p3", cmbDogruCevap.Text);

komut4.Parameters.AddWithValue("@p4", int.Parse(txtDersId.Text));

komut4.Parameters.AddWithValue("@p5", int.Parse(txtSoruId.Text));

komut4.ExecuteNonQuery();

NpgsqlCommand komut5 = new NpgsqlCommand("update secenek set secenek\_a=@p1,secenek\_b=@p2,secenek\_c=@p3,secenek\_d=@p4 where secenek\_id=@p5", baglanti);

komut5.Parameters.AddWithValue("@p1", txtSecenekA.Text);

komut5.Parameters.AddWithValue("@p2", txtSecenekB.Text);

komut5.Parameters.AddWithValue("@p3", txtSecenekC.Text);

komut5.Parameters.AddWithValue("@p4", txtSecenekC.Text);

komut5.Parameters.AddWithValue("@p5", int.Parse(txtSecenekId.Text));

komut5.ExecuteNonQuery();

baglanti.Close();

MessageBox.Show("güncel");

}

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

{

baglanti.Open();

NpgsqlDataAdapter da=new NpgsqlDataAdapter("Select \*From soru where soru\_id=@p1", baglanti);

da.SelectCommand.Parameters.AddWithValue("@p1", int.Parse(txtAra.Text));

DataSet ds = new DataSet();

da.Fill(ds,"soru");

dataGridView1.DataSource = ds.Tables["soru"];

baglanti.Close();

}

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

{

Form2 f2 = new Form2();

string sorgu2 = "select \* from toplamsoru";

NpgsqlDataAdapter da3 = new NpgsqlDataAdapter(sorgu2, baglanti);

DataSet ds = new DataSet();

da3.Fill(ds);

f2.dtgridToplamSoru.DataSource = ds.Tables[0];

f2.ShowDialog();

}

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

{

Form3 f3 = new Form3();

string sorgu3 = "select \* from silinensoru";

NpgsqlDataAdapter da4 = new NpgsqlDataAdapter(sorgu3, baglanti);

DataSet ds = new DataSet();

da4.Fill(ds);

f3.ddtgridSilinenSoru.DataSource = ds.Tables[0];

f3.ShowDialog();

}

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

{

Form4 f4 = new Form4();

string sorgu4 = "select \* from ders\_id\_yeni";

NpgsqlDataAdapter da5 = new NpgsqlDataAdapter(sorgu4, baglanti);

DataSet ds = new DataSet();

da5.Fill(ds);

f4.dtgridDegisen.DataSource = ds.Tables[0];

f4.ShowDialog();

}

}

}

**VERi TABANI KAYNAK KODU:**

--

-- PostgreSQL database dump

--

-- Dumped from database version 14.5

-- Dumped by pg\_dump version 14.5

-- Started on 2022-08-28 22:48:37

SET statement\_timeout = 0;

SET lock\_timeout = 0;

SET idle\_in\_transaction\_session\_timeout = 0;

SET client\_encoding = 'UTF8';

SET standard\_conforming\_strings = on;

SELECT pg\_catalog.set\_config('search\_path', '', false);

SET check\_function\_bodies = false;

SET xmloption = content;

SET client\_min\_messages = warning;

SET row\_security = off;

--

-- TOC entry 4 (class 2615 OID 16604)

-- Name: insan; Type: SCHEMA; Schema: -; Owner: postgres

--

CREATE SCHEMA insan;

ALTER SCHEMA insan OWNER TO postgres;

--

-- TOC entry 233 (class 1255 OID 16710)

-- Name: dersgetir(character varying); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.dersgetir(prmt character varying) RETURNS TABLE(idders integer, dersad character varying)

LANGUAGE plpgsql

AS $$

BEGIN

return query

select

ders\_id,

ders\_adi

from

ders

where

ders\_adi like prmt;

end;

$$;

ALTER FUNCTION public.dersgetir(prmt character varying) OWNER TO postgres;

--

-- TOC entry 231 (class 1255 OID 16702)

-- Name: dersidyeni(); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.dersidyeni() RETURNS trigger

LANGUAGE plpgsql

AS $$

BEGIN

IF NEW."ders\_id" <> OLD."ders\_id" THEN

INSERT INTO "ders\_id\_yeni"("soru\_id", "eski\_ders\_id", "yeni\_ders\_id")

VALUES(OLD."soru\_id", OLD."ders\_id", NEW."ders\_id");

END IF;

return new;

end;

$$;

ALTER FUNCTION public.dersidyeni() OWNER TO postgres;

--

-- TOC entry 234 (class 1255 OID 16714)

-- Name: derssayisi(); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.derssayisi() RETURNS integer

LANGUAGE plpgsql

AS $$

DECLARE

total INTEGER;

BEGIN

SELECT COUNT(\*) INTO total FROM "ders";

RETURN total;

end;

$$;

ALTER FUNCTION public.derssayisi() OWNER TO postgres;

--

-- TOC entry 235 (class 1255 OID 16715)

-- Name: okulsayisi(); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.okulsayisi() RETURNS integer

LANGUAGE plpgsql

AS $$

DECLARE

total INTEGER;

BEGIN

SELECT COUNT(\*) INTO total FROM "okul";

RETURN total;

end;

$$;

ALTER FUNCTION public.okulsayisi() OWNER TO postgres;

--

-- TOC entry 232 (class 1255 OID 16707)

-- Name: sorubul(integer); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.sorubul(soruid integer) RETURNS TABLE(sorumetin text, zorlukderece character varying)

LANGUAGE plpgsql

AS $$

BEGIN

return query

SELECT

sorumetni,

zorluk

from

soru

where

"soru\_id"=soruid;

end;

$$;

ALTER FUNCTION public.sorubul(soruid integer) OWNER TO postgres;

--

-- TOC entry 230 (class 1255 OID 16686)

-- Name: sorusilinen(); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.sorusilinen() RETURNS trigger

LANGUAGE plpgsql

AS $$

BEGIN

insert into silinensoru(soru\_silinen\_id,soru\_dogrucevap)

values(old.soru\_id,old.dogrucevap);

return new;

end;

$$;

ALTER FUNCTION public.sorusilinen() OWNER TO postgres;

--

-- TOC entry 228 (class 1255 OID 16677)

-- Name: toplam(); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.toplam() RETURNS trigger

LANGUAGE plpgsql

AS $$

BEGIN

update toplamsoru set sayi=sayi+1;

return new;

end;

$$;

ALTER FUNCTION public.toplam() OWNER TO postgres;

--

-- TOC entry 229 (class 1255 OID 16679)

-- Name: toplam2(); Type: FUNCTION; Schema: public; Owner: postgres

--

CREATE FUNCTION public.toplam2() RETURNS trigger

LANGUAGE plpgsql

AS $$

BEGIN

update toplamsoru set sayi=sayi-1;

return new;

end;

$$;

ALTER FUNCTION public.toplam2() OWNER TO postgres;

SET default\_tablespace = '';

SET default\_table\_access\_method = heap;

--

-- TOC entry 222 (class 1259 OID 16605)

-- Name: insan; Type: TABLE; Schema: insan; Owner: postgres

--

CREATE TABLE insan.insan (

insan\_id integer NOT NULL,

insan\_adi character varying(40) NOT NULL,

insan\_soyadi character varying(40) NOT NULL,

insan\_tur character varying NOT NULL

);

ALTER TABLE insan.insan OWNER TO postgres;

--

-- TOC entry 223 (class 1259 OID 16612)

-- Name: ogrenci; Type: TABLE; Schema: insan; Owner: postgres

--

CREATE TABLE insan.ogrenci (

insan\_id integer NOT NULL,

okul\_id integer,

sinif\_id integer

);

ALTER TABLE insan.ogrenci OWNER TO postgres;

--

-- TOC entry 224 (class 1259 OID 16617)

-- Name: ogretmen; Type: TABLE; Schema: insan; Owner: postgres

--

CREATE TABLE insan.ogretmen (

insan\_id integer NOT NULL,

okul\_id integer,

ders\_id integer

);

ALTER TABLE insan.ogretmen OWNER TO postgres;

--

-- TOC entry 213 (class 1259 OID 16500)

-- Name: ders; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.ders (

ders\_id integer NOT NULL,

ogretmen\_id integer,

ders\_adi character varying(15) NOT NULL,

ders\_saati character varying(10)

);

ALTER TABLE public.ders OWNER TO postgres;

--

-- TOC entry 227 (class 1259 OID 16688)

-- Name: ders\_id\_yeni; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.ders\_id\_yeni (

soru\_id integer,

eski\_ders\_id integer,

yeni\_ders\_id integer

);

ALTER TABLE public.ders\_id\_yeni OWNER TO postgres;

--

-- TOC entry 217 (class 1259 OID 16539)

-- Name: ders\_turu; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.ders\_turu (

ders\_tur\_id integer NOT NULL,

ders\_id integer,

ders\_tur\_adi character varying(20) NOT NULL

);

ALTER TABLE public.ders\_turu OWNER TO postgres;

--

-- TOC entry 221 (class 1259 OID 16594)

-- Name: dogru\_secenek; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.dogru\_secenek (

dogru\_id integer NOT NULL,

dogru\_cevap character varying(1)

);

ALTER TABLE public.dogru\_secenek OWNER TO postgres;

--

-- TOC entry 218 (class 1259 OID 16556)

-- Name: not; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public."not" (

not\_id integer NOT NULL,

ogrenci\_id integer NOT NULL,

sinav\_id integer NOT NULL,

sinav\_notu character varying(10) NOT NULL

);

ALTER TABLE public."not" OWNER TO postgres;

--

-- TOC entry 210 (class 1259 OID 16436)

-- Name: okul; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.okul (

okul\_id integer NOT NULL,

okul\_adi character varying(30) NOT NULL,

okul\_tel character varying(11),

okul\_adres text

);

ALTER TABLE public.okul OWNER TO postgres;

--

-- TOC entry 214 (class 1259 OID 16516)

-- Name: secenek; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.secenek (

secenek\_id integer NOT NULL,

secenek\_a text NOT NULL,

secenek\_b text NOT NULL,

secenek\_c text NOT NULL,

secenek\_d text NOT NULL

);

ALTER TABLE public.secenek OWNER TO postgres;

--

-- TOC entry 226 (class 1259 OID 16683)

-- Name: silinensoru; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.silinensoru (

soru\_silinen\_id integer,

soru\_dogrucevap "char"

);

ALTER TABLE public.silinensoru OWNER TO postgres;

--

-- TOC entry 216 (class 1259 OID 16534)

-- Name: sinav; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.sinav (

toplam\_soru integer,

sinav\_id integer NOT NULL,

sinav\_suresi character varying(10) NOT NULL

);

ALTER TABLE public.sinav OWNER TO postgres;

--

-- TOC entry 215 (class 1259 OID 16529)

-- Name: sinavHazirlama; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public."sinavHazirlama" (

"sinavHazirlama\_id" integer NOT NULL,

soru\_id integer NOT NULL,

ders\_id integer NOT NULL,

ders\_tur\_id integer NOT NULL

);

ALTER TABLE public."sinavHazirlama" OWNER TO postgres;

--

-- TOC entry 211 (class 1259 OID 16454)

-- Name: sinif; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.sinif (

sinif\_id integer NOT NULL,

ogretmen\_id integer NOT NULL,

sinifmevcudu integer,

sinif\_no character varying(10)

);

ALTER TABLE public.sinif OWNER TO postgres;

--

-- TOC entry 219 (class 1259 OID 16573)

-- Name: sonucbelgesi; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.sonucbelgesi (

sonuc\_id integer NOT NULL,

not\_id integer NOT NULL,

sonuc\_tarihi date,

"sonuc\_sıralama" integer

);

ALTER TABLE public.sonucbelgesi OWNER TO postgres;

--

-- TOC entry 212 (class 1259 OID 16493)

-- Name: soru; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.soru (

soru\_id integer NOT NULL,

sorumetni text NOT NULL,

zorluk character varying(10),

dogrucevap "char",

secenek\_id integer,

ders\_id integer

);

ALTER TABLE public.soru OWNER TO postgres;

--

-- TOC entry 225 (class 1259 OID 16672)

-- Name: toplamsoru; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.toplamsoru (

sayi integer

);

ALTER TABLE public.toplamsoru OWNER TO postgres;

--

-- TOC entry 220 (class 1259 OID 16584)

-- Name: zorluk; Type: TABLE; Schema: public; Owner: postgres

--

CREATE TABLE public.zorluk (

zorluk\_id integer NOT NULL,

zorluk\_derece character varying(10)

);

ALTER TABLE public.zorluk OWNER TO postgres;

--

-- TOC entry 3451 (class 0 OID 16605)

-- Dependencies: 222

-- Data for Name: insan; Type: TABLE DATA; Schema: insan; Owner: postgres

--

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (1, 'ahmet', 'sezer', 'ogretmen');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (2, 'ali', 'ataman', 'ogrenci');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (3, 'melek', 'erkan', 'ogrenci');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (4, 'sabri', 'yılmaz', 'ogretmen');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (5, 'zeynep', 'ışık', 'ogrenci');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (6, 'erhan', 'kır', 'ogrenci');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (7, 'veli', 'tutkun', 'ogretmen');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (8, 'rasim', 'eker', 'ogretmen');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (9, 'sezen', 'kara', 'ogretmen');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (10, 'ayla', 'kutlu', 'ogretmen');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (11, 'sezai', 'camcı', 'ogrenci');

INSERT INTO insan.insan (insan\_id, insan\_adi, insan\_soyadi, insan\_tur) VALUES (12, 'koray', 'avcı', 'ogrenci');

--

-- TOC entry 3452 (class 0 OID 16612)

-- Dependencies: 223

-- Data for Name: ogrenci; Type: TABLE DATA; Schema: insan; Owner: postgres

--

INSERT INTO insan.ogrenci (insan\_id, okul\_id, sinif\_id) VALUES (2, 1, 2);

INSERT INTO insan.ogrenci (insan\_id, okul\_id, sinif\_id) VALUES (3, 1, 3);

INSERT INTO insan.ogrenci (insan\_id, okul\_id, sinif\_id) VALUES (5, 1, 4);

INSERT INTO insan.ogrenci (insan\_id, okul\_id, sinif\_id) VALUES (6, 1, 5);

INSERT INTO insan.ogrenci (insan\_id, okul\_id, sinif\_id) VALUES (11, 1, 2);

INSERT INTO insan.ogrenci (insan\_id, okul\_id, sinif\_id) VALUES (12, 1, 1);

--

-- TOC entry 3453 (class 0 OID 16617)

-- Dependencies: 224

-- Data for Name: ogretmen; Type: TABLE DATA; Schema: insan; Owner: postgres

--

INSERT INTO insan.ogretmen (insan\_id, okul\_id, ders\_id) VALUES (1, 1, 1);

INSERT INTO insan.ogretmen (insan\_id, okul\_id, ders\_id) VALUES (4, 1, 2);

INSERT INTO insan.ogretmen (insan\_id, okul\_id, ders\_id) VALUES (10, 1, 3);

INSERT INTO insan.ogretmen (insan\_id, okul\_id, ders\_id) VALUES (9, 1, 6);

INSERT INTO insan.ogretmen (insan\_id, okul\_id, ders\_id) VALUES (8, 1, 5);

INSERT INTO insan.ogretmen (insan\_id, okul\_id, ders\_id) VALUES (7, 1, 4);

--

-- TOC entry 3442 (class 0 OID 16500)

-- Dependencies: 213

-- Data for Name: ders; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.ders (ders\_id, ogretmen\_id, ders\_adi, ders\_saati) VALUES (1, 1, 'türkçe', '6');

INSERT INTO public.ders (ders\_id, ogretmen\_id, ders\_adi, ders\_saati) VALUES (2, 4, 'matematik', '12');

INSERT INTO public.ders (ders\_id, ogretmen\_id, ders\_adi, ders\_saati) VALUES (3, 10, 'tarih', '3');

INSERT INTO public.ders (ders\_id, ogretmen\_id, ders\_adi, ders\_saati) VALUES (4, 7, 'fizik', '8');

INSERT INTO public.ders (ders\_id, ogretmen\_id, ders\_adi, ders\_saati) VALUES (5, 8, 'coğrafya', '4');

INSERT INTO public.ders (ders\_id, ogretmen\_id, ders\_adi, ders\_saati) VALUES (6, 9, 'kimya', '4');

--

-- TOC entry 3456 (class 0 OID 16688)

-- Dependencies: 227

-- Data for Name: ders\_id\_yeni; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.ders\_id\_yeni (soru\_id, eski\_ders\_id, yeni\_ders\_id) VALUES (4, 2, 1);

INSERT INTO public.ders\_id\_yeni (soru\_id, eski\_ders\_id, yeni\_ders\_id) VALUES (4, 1, 2);

INSERT INTO public.ders\_id\_yeni (soru\_id, eski\_ders\_id, yeni\_ders\_id) VALUES (3, 2, 4);

INSERT INTO public.ders\_id\_yeni (soru\_id, eski\_ders\_id, yeni\_ders\_id) VALUES (3, 2, 1);

--

-- TOC entry 3446 (class 0 OID 16539)

-- Dependencies: 217

-- Data for Name: ders\_turu; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.ders\_turu (ders\_tur\_id, ders\_id, ders\_tur\_adi) VALUES (1, 1, 'sözel');

INSERT INTO public.ders\_turu (ders\_tur\_id, ders\_id, ders\_tur\_adi) VALUES (2, 2, 'sayısal');

--

-- TOC entry 3450 (class 0 OID 16594)

-- Dependencies: 221

-- Data for Name: dogru\_secenek; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.dogru\_secenek (dogru\_id, dogru\_cevap) VALUES (1, 'A');

INSERT INTO public.dogru\_secenek (dogru\_id, dogru\_cevap) VALUES (2, 'B');

INSERT INTO public.dogru\_secenek (dogru\_id, dogru\_cevap) VALUES (3, 'C');

INSERT INTO public.dogru\_secenek (dogru\_id, dogru\_cevap) VALUES (4, 'D');

--

-- TOC entry 3447 (class 0 OID 16556)

-- Dependencies: 218

-- Data for Name: not; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public."not" (not\_id, ogrenci\_id, sinav\_id, sinav\_notu) VALUES (1, 3, 2, '90');

INSERT INTO public."not" (not\_id, ogrenci\_id, sinav\_id, sinav\_notu) VALUES (2, 5, 1, '60');

INSERT INTO public."not" (not\_id, ogrenci\_id, sinav\_id, sinav\_notu) VALUES (3, 6, 2, '42');

INSERT INTO public."not" (not\_id, ogrenci\_id, sinav\_id, sinav\_notu) VALUES (6, 11, 3, '45');

INSERT INTO public."not" (not\_id, ogrenci\_id, sinav\_id, sinav\_notu) VALUES (5, 12, 1, '55');

INSERT INTO public."not" (not\_id, ogrenci\_id, sinav\_id, sinav\_notu) VALUES (4, 2, 2, '63');

--

-- TOC entry 3439 (class 0 OID 16436)

-- Dependencies: 210

-- Data for Name: okul; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.okul (okul\_id, okul\_adi, okul\_tel, okul\_adres) VALUES (1, 'Anadolu Lisesi', '05345468412', 'sazlık mah. gül sok.');

INSERT INTO public.okul (okul\_id, okul\_adi, okul\_tel, okul\_adres) VALUES (2, 'fen Lisesi', '05345478412', 'asker mah. gül sok.');

INSERT INTO public.okul (okul\_id, okul\_adi, okul\_tel, okul\_adres) VALUES (3, 'meslek Lisesi', '05345278412', 'asker mah. köşe sok.');

INSERT INTO public.okul (okul\_id, okul\_adi, okul\_tel, okul\_adres) VALUES (4, 'kız Lisesi', '05345273412', 'yayla mah. fener sok.');

--

-- TOC entry 3443 (class 0 OID 16516)

-- Dependencies: 214

-- Data for Name: secenek; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.secenek (secenek\_id, secenek\_a, secenek\_b, secenek\_c, secenek\_d) VALUES (1, 'a şıkkı', 'b şıkkı', 'c şıkkı', 'd şıkkı');

INSERT INTO public.secenek (secenek\_id, secenek\_a, secenek\_b, secenek\_c, secenek\_d) VALUES (2, 'a şıkkı', 'b şıkkı', 'c şıkkı', 'd şıkkı');

--

-- TOC entry 3455 (class 0 OID 16683)

-- Dependencies: 226

-- Data for Name: silinensoru; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.silinensoru (soru\_silinen\_id, soru\_dogrucevap) VALUES (45, 'C');

INSERT INTO public.silinensoru (soru\_silinen\_id, soru\_dogrucevap) VALUES (4, 'A');

INSERT INTO public.silinensoru (soru\_silinen\_id, soru\_dogrucevap) VALUES (3, 'A');

INSERT INTO public.silinensoru (soru\_silinen\_id, soru\_dogrucevap) VALUES (3, 'D');

--

-- TOC entry 3445 (class 0 OID 16534)

-- Dependencies: 216

-- Data for Name: sinav; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.sinav (toplam\_soru, sinav\_id, sinav\_suresi) VALUES (30, 1, '60 dakika');

INSERT INTO public.sinav (toplam\_soru, sinav\_id, sinav\_suresi) VALUES (15, 2, '35 dakika');

INSERT INTO public.sinav (toplam\_soru, sinav\_id, sinav\_suresi) VALUES (20, 3, '45 dakika');

--

-- TOC entry 3444 (class 0 OID 16529)

-- Dependencies: 215

-- Data for Name: sinavHazirlama; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public."sinavHazirlama" ("sinavHazirlama\_id", soru\_id, ders\_id, ders\_tur\_id) VALUES (2, 2, 2, 2);

INSERT INTO public."sinavHazirlama" ("sinavHazirlama\_id", soru\_id, ders\_id, ders\_tur\_id) VALUES (1, 1, 3, 1);

INSERT INTO public."sinavHazirlama" ("sinavHazirlama\_id", soru\_id, ders\_id, ders\_tur\_id) VALUES (3, 3, 1, 1);

--

-- TOC entry 3440 (class 0 OID 16454)

-- Dependencies: 211

-- Data for Name: sinif; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.sinif (sinif\_id, ogretmen\_id, sinifmevcudu, sinif\_no) VALUES (1, 1, 30, '9-E');

INSERT INTO public.sinif (sinif\_id, ogretmen\_id, sinifmevcudu, sinif\_no) VALUES (2, 4, 28, '9-F');

INSERT INTO public.sinif (sinif\_id, ogretmen\_id, sinifmevcudu, sinif\_no) VALUES (3, 10, 29, '9-D');

INSERT INTO public.sinif (sinif\_id, ogretmen\_id, sinifmevcudu, sinif\_no) VALUES (4, 8, 31, '9-C');

INSERT INTO public.sinif (sinif\_id, ogretmen\_id, sinifmevcudu, sinif\_no) VALUES (5, 9, 30, '9-B');

INSERT INTO public.sinif (sinif\_id, ogretmen\_id, sinifmevcudu, sinif\_no) VALUES (6, 7, 33, '9-B');

--

-- TOC entry 3448 (class 0 OID 16573)

-- Dependencies: 219

-- Data for Name: sonucbelgesi; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.sonucbelgesi (sonuc\_id, not\_id, sonuc\_tarihi, "sonuc\_sıralama") VALUES (1, 1, NULL, 1);

INSERT INTO public.sonucbelgesi (sonuc\_id, not\_id, sonuc\_tarihi, "sonuc\_sıralama") VALUES (2, 2, NULL, 2);

INSERT INTO public.sonucbelgesi (sonuc\_id, not\_id, sonuc\_tarihi, "sonuc\_sıralama") VALUES (3, 3, NULL, 3);

--

-- TOC entry 3441 (class 0 OID 16493)

-- Dependencies: 212

-- Data for Name: soru; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.soru (soru\_id, sorumetni, zorluk, dogrucevap, secenek\_id, ders\_id) VALUES (1, '1. soru', '3', 'A', 1, 2);

INSERT INTO public.soru (soru\_id, sorumetni, zorluk, dogrucevap, secenek\_id, ders\_id) VALUES (2, '2. soru', '3', 'A', 2, 2);

--

-- TOC entry 3454 (class 0 OID 16672)

-- Dependencies: 225

-- Data for Name: toplamsoru; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.toplamsoru (sayi) VALUES (2);

--

-- TOC entry 3449 (class 0 OID 16584)

-- Dependencies: 220

-- Data for Name: zorluk; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.zorluk (zorluk\_id, zorluk\_derece) VALUES (3, 'Zor');

INSERT INTO public.zorluk (zorluk\_id, zorluk\_derece) VALUES (2, 'Orta');

INSERT INTO public.zorluk (zorluk\_id, zorluk\_derece) VALUES (1, 'Kolay');

--

-- TOC entry 3273 (class 2606 OID 16611)

-- Name: insan insan\_id\_pk; Type: CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.insan

ADD CONSTRAINT insan\_id\_pk PRIMARY KEY (insan\_id);

--

-- TOC entry 3277 (class 2606 OID 16616)

-- Name: ogrenci ogrenciPK; Type: CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.ogrenci

ADD CONSTRAINT "ogrenciPK" PRIMARY KEY (insan\_id);

--

-- TOC entry 3281 (class 2606 OID 16621)

-- Name: ogretmen ogretmenPK; Type: CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.ogretmen

ADD CONSTRAINT "ogretmenPK" PRIMARY KEY (insan\_id);

--

-- TOC entry 3250 (class 2606 OID 16504)

-- Name: ders ders\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.ders

ADD CONSTRAINT ders\_pkey PRIMARY KEY (ders\_id);

--

-- TOC entry 3259 (class 2606 OID 16543)

-- Name: ders\_turu ders\_turu\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.ders\_turu

ADD CONSTRAINT ders\_turu\_pkey PRIMARY KEY (ders\_tur\_id);

--

-- TOC entry 3271 (class 2606 OID 16598)

-- Name: dogru\_secenek dogru\_secenek\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.dogru\_secenek

ADD CONSTRAINT dogru\_secenek\_pkey PRIMARY KEY (dogru\_id);

--

-- TOC entry 3264 (class 2606 OID 16560)

-- Name: not not\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."not"

ADD CONSTRAINT not\_pkey PRIMARY KEY (not\_id);

--

-- TOC entry 3241 (class 2606 OID 16442)

-- Name: okul okul\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.okul

ADD CONSTRAINT okul\_pkey PRIMARY KEY (okul\_id);

--

-- TOC entry 3252 (class 2606 OID 16522)

-- Name: secenek secenek\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.secenek

ADD CONSTRAINT secenek\_pkey PRIMARY KEY (secenek\_id);

--

-- TOC entry 3255 (class 2606 OID 16533)

-- Name: sinavHazirlama sinavHazirlama\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."sinavHazirlama"

ADD CONSTRAINT "sinavHazirlama\_pkey" PRIMARY KEY ("sinavHazirlama\_id");

--

-- TOC entry 3257 (class 2606 OID 16538)

-- Name: sinav sinav\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.sinav

ADD CONSTRAINT sinav\_pkey PRIMARY KEY (sinav\_id);

--

-- TOC entry 3244 (class 2606 OID 16458)

-- Name: sinif sinif\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.sinif

ADD CONSTRAINT sinif\_pkey PRIMARY KEY (sinif\_id);

--

-- TOC entry 3267 (class 2606 OID 16577)

-- Name: sonucbelgesi sonucbelgesi\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.sonucbelgesi

ADD CONSTRAINT sonucbelgesi\_pkey PRIMARY KEY (sonuc\_id);

--

-- TOC entry 3248 (class 2606 OID 16499)

-- Name: soru soru\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.soru

ADD CONSTRAINT soru\_pkey PRIMARY KEY (soru\_id);

--

-- TOC entry 3269 (class 2606 OID 16588)

-- Name: zorluk zorluk\_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.zorluk

ADD CONSTRAINT zorluk\_pkey PRIMARY KEY (zorluk\_id);

--

-- TOC entry 3278 (class 1259 OID 16644)

-- Name: fki\_ders\_adi\_foreign; Type: INDEX; Schema: insan; Owner: postgres

--

CREATE INDEX fki\_ders\_adi\_foreign ON insan.ogretmen USING btree (ders\_id);

--

-- TOC entry 3279 (class 1259 OID 16650)

-- Name: fki\_insan\_id\_foreign; Type: INDEX; Schema: insan; Owner: postgres

--

CREATE INDEX fki\_insan\_id\_foreign ON insan.ogretmen USING btree (insan\_id);

--

-- TOC entry 3274 (class 1259 OID 16627)

-- Name: fki\_okul\_id\_foreign; Type: INDEX; Schema: insan; Owner: postgres

--

CREATE INDEX fki\_okul\_id\_foreign ON insan.ogrenci USING btree (okul\_id);

--

-- TOC entry 3275 (class 1259 OID 16633)

-- Name: fki\_sinif\_id\_foreign; Type: INDEX; Schema: insan; Owner: postgres

--

CREATE INDEX fki\_sinif\_id\_foreign ON insan.ogrenci USING btree (sinif\_id);

--

-- TOC entry 3245 (class 1259 OID 16510)

-- Name: fki\_ders\_adi\_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_ders\_adi\_foreign ON public.soru USING btree (ders\_id);

--

-- TOC entry 3260 (class 1259 OID 16555)

-- Name: fki\_ders\_id\_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_ders\_id\_foreign ON public.ders\_turu USING btree (ders\_id);

--

-- TOC entry 3253 (class 1259 OID 16549)

-- Name: fki\_ders\_tur\_id\_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_ders\_tur\_id\_foreign ON public."sinavHazirlama" USING btree (ders\_tur\_id);

--

-- TOC entry 3265 (class 1259 OID 16583)

-- Name: fki\_not\_id; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_not\_id ON public.sonucbelgesi USING btree (not\_id);

--

-- TOC entry 3261 (class 1259 OID 16566)

-- Name: fki\_ogrenci\_id\_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_ogrenci\_id\_foreign ON public."not" USING btree (ogrenci\_id);

--

-- TOC entry 3242 (class 1259 OID 16492)

-- Name: fki\_ogretmen\_id\_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_ogretmen\_id\_foreign ON public.sinif USING btree (ogretmen\_id);

--

-- TOC entry 3246 (class 1259 OID 16528)

-- Name: fki\_secenek\_id\_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_secenek\_id\_foreign ON public.soru USING btree (secenek\_id);

--

-- TOC entry 3262 (class 1259 OID 16572)

-- Name: fki\_sinav\_id; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki\_sinav\_id ON public."not" USING btree (sinav\_id);

--

-- TOC entry 3296 (class 2620 OID 16703)

-- Name: soru dersidtrig; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER dersidtrig BEFORE UPDATE ON public.soru FOR EACH ROW EXECUTE FUNCTION public.dersidyeni();

--

-- TOC entry 3299 (class 2620 OID 16687)

-- Name: soru silinentrig; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER silinentrig AFTER DELETE ON public.soru FOR EACH ROW EXECUTE FUNCTION public.sorusilinen();

--

-- TOC entry 3297 (class 2620 OID 16678)

-- Name: soru toplamtrig; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER toplamtrig AFTER INSERT ON public.soru FOR EACH ROW EXECUTE FUNCTION public.toplam();

--

-- TOC entry 3298 (class 2620 OID 16682)

-- Name: soru toplamtrig2; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER toplamtrig2 AFTER DELETE ON public.soru FOR EACH ROW EXECUTE FUNCTION public.toplam2();

--

-- TOC entry 3295 (class 2606 OID 16645)

-- Name: ogretmen insan\_id\_foreign; Type: FK CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.ogretmen

ADD CONSTRAINT insan\_id\_foreign FOREIGN KEY (insan\_id) REFERENCES insan.insan(insan\_id) NOT VALID;

--

-- TOC entry 3293 (class 2606 OID 16651)

-- Name: ogrenci insan\_id\_foreign; Type: FK CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.ogrenci

ADD CONSTRAINT insan\_id\_foreign FOREIGN KEY (insan\_id) REFERENCES insan.insan(insan\_id) NOT VALID;

--

-- TOC entry 3291 (class 2606 OID 16622)

-- Name: ogrenci okul\_id\_foreign; Type: FK CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.ogrenci

ADD CONSTRAINT okul\_id\_foreign FOREIGN KEY (okul\_id) REFERENCES public.okul(okul\_id) NOT VALID;

--

-- TOC entry 3294 (class 2606 OID 16634)

-- Name: ogretmen okul\_id\_foreign; Type: FK CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.ogretmen

ADD CONSTRAINT okul\_id\_foreign FOREIGN KEY (okul\_id) REFERENCES public.okul(okul\_id) NOT VALID;

--

-- TOC entry 3292 (class 2606 OID 16628)

-- Name: ogrenci sinif\_id\_foreign; Type: FK CONSTRAINT; Schema: insan; Owner: postgres

--

ALTER TABLE ONLY insan.ogrenci

ADD CONSTRAINT sinif\_id\_foreign FOREIGN KEY (sinif\_id) REFERENCES public.sinif(sinif\_id) NOT VALID;

--

-- TOC entry 3283 (class 2606 OID 16505)

-- Name: soru ders\_adi\_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.soru

ADD CONSTRAINT ders\_adi\_foreign FOREIGN KEY (ders\_id) REFERENCES public.ders(ders\_id) NOT VALID;

--

-- TOC entry 3287 (class 2606 OID 16550)

-- Name: ders\_turu ders\_id\_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.ders\_turu

ADD CONSTRAINT ders\_id\_foreign FOREIGN KEY (ders\_id) REFERENCES public.ders(ders\_id) NOT VALID;

--

-- TOC entry 3286 (class 2606 OID 16544)

-- Name: sinavHazirlama ders\_tur\_id\_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."sinavHazirlama"

ADD CONSTRAINT ders\_tur\_id\_foreign FOREIGN KEY (ders\_tur\_id) REFERENCES public.ders\_turu(ders\_tur\_id) NOT VALID;

--

-- TOC entry 3290 (class 2606 OID 16578)

-- Name: sonucbelgesi not\_id; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.sonucbelgesi

ADD CONSTRAINT not\_id FOREIGN KEY (not\_id) REFERENCES public."not"(not\_id) NOT VALID;

--

-- TOC entry 3289 (class 2606 OID 16667)

-- Name: not ogrenci\_id\_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."not"

ADD CONSTRAINT ogrenci\_id\_foreign FOREIGN KEY (ogrenci\_id) REFERENCES insan.ogrenci(insan\_id) NOT VALID;

--

-- TOC entry 3282 (class 2606 OID 16657)

-- Name: sinif ogretmen\_id\_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.sinif

ADD CONSTRAINT ogretmen\_id\_foreign FOREIGN KEY (ogretmen\_id) REFERENCES insan.ogretmen(insan\_id) NOT VALID;

--

-- TOC entry 3285 (class 2606 OID 16662)

-- Name: ders ogretmen\_id\_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.ders

ADD CONSTRAINT ogretmen\_id\_foreign FOREIGN KEY (ogretmen\_id) REFERENCES insan.ogretmen(insan\_id) NOT VALID;

--

-- TOC entry 3284 (class 2606 OID 16523)

-- Name: soru secenek\_id\_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.soru

ADD CONSTRAINT secenek\_id\_foreign FOREIGN KEY (secenek\_id) REFERENCES public.secenek(secenek\_id) NOT VALID;

--

-- TOC entry 3288 (class 2606 OID 16567)

-- Name: not sinav\_id; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."not"

ADD CONSTRAINT sinav\_id FOREIGN KEY (sinav\_id) REFERENCES public.sinav(sinav\_id) NOT VALID;

-- Completed on 2022-08-28 22:48:37

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-- PostgreSQL database dump complete

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