

T.C.
SAKARYA ÜNİVERSİTESİ
BİLGİSAYAR VE BİLİŞİM BİLİMLERİ FAKÜLTESİ
BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ

Ders : **Veri Tabanı Yönetim Sistemleri**
Dönem : **2020-2021 GÜZ Dönemi**

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İŞ KURALLARI

- 1- Sitenin kullanıcıları bulunur.
- 2- Sitede okuyucu, yazar ve yönetici olmak üzere 3 farklı kullanıcı tipi vardır.
- 3- Her kullanıcının e-posta adresi, şifresi ve benzersiz kullanıcı numarası bulunur. Bunların dışında kullanıcının kaydolduğu tarihte saklanmalıdır.
- 4- Kullanıcıların siteye erişimleri, kullandıkları ip adresi ve erişim tarihleri ile birlikte kaydedilmelidir.
- 5- Okuyucunun sitede herhangi bir şeyi değiştirmeye hakkı yoktur.
- 6- Okuyucunun yaptığı eğitimler, egzersizler, sınavlar ve bunlardan elde ettiği puanlar kaydedilmelidir.
- 7- Okuyucu hiç eğitim, egzersiz veya sınav yapmamış ya da birçoğunu yapmış olabilir.
- 8- Bir eğitimi, egzersizi veya sınavı hiçbir öğrenci yapmamış ya da birçok öğrenci yapmış olabilir.
- 9- Yazarın kendisine izin verilen konulardaki yazıları değiştirme ve yeni yazılar oluşturma yetkileri bulunmaktadır.
- 10- Yazar hiç yazı oluşturmamış ya da birçok yazı oluşturmuş olabilir.
- 11- Bir yazıyı sadece 1 yazar oluşturabilir.
- 12- Yazar hiç yazı güncellememiş ya da birçok yazı güncellemiş olabilir.
- 13- Bir yazı hiç güncellenmemiş ya da birçok yazar tarafından birçok kez güncellenmiş olabilir.
- 14- Bir yazarın hiçbir yazı türünde yetkisi olmayabilir ya da birçok yazı türünde yetkisi olabilir.
- 15- Bir yazı türü hiçbir yazarın yetkisi altında olmayabilir ya da birçok yazarın yetkisi altında olabilir.
- 16- Yöneticinin her şeyi değiştirme ve düzeltme hakkı bulunmaktadır.
- 17- Sitede “eğitim”, “egzersiz”, “quiz”, “örnek” ve “diğer” olmak üzere 5 farklı sayfa tipi bulunur.

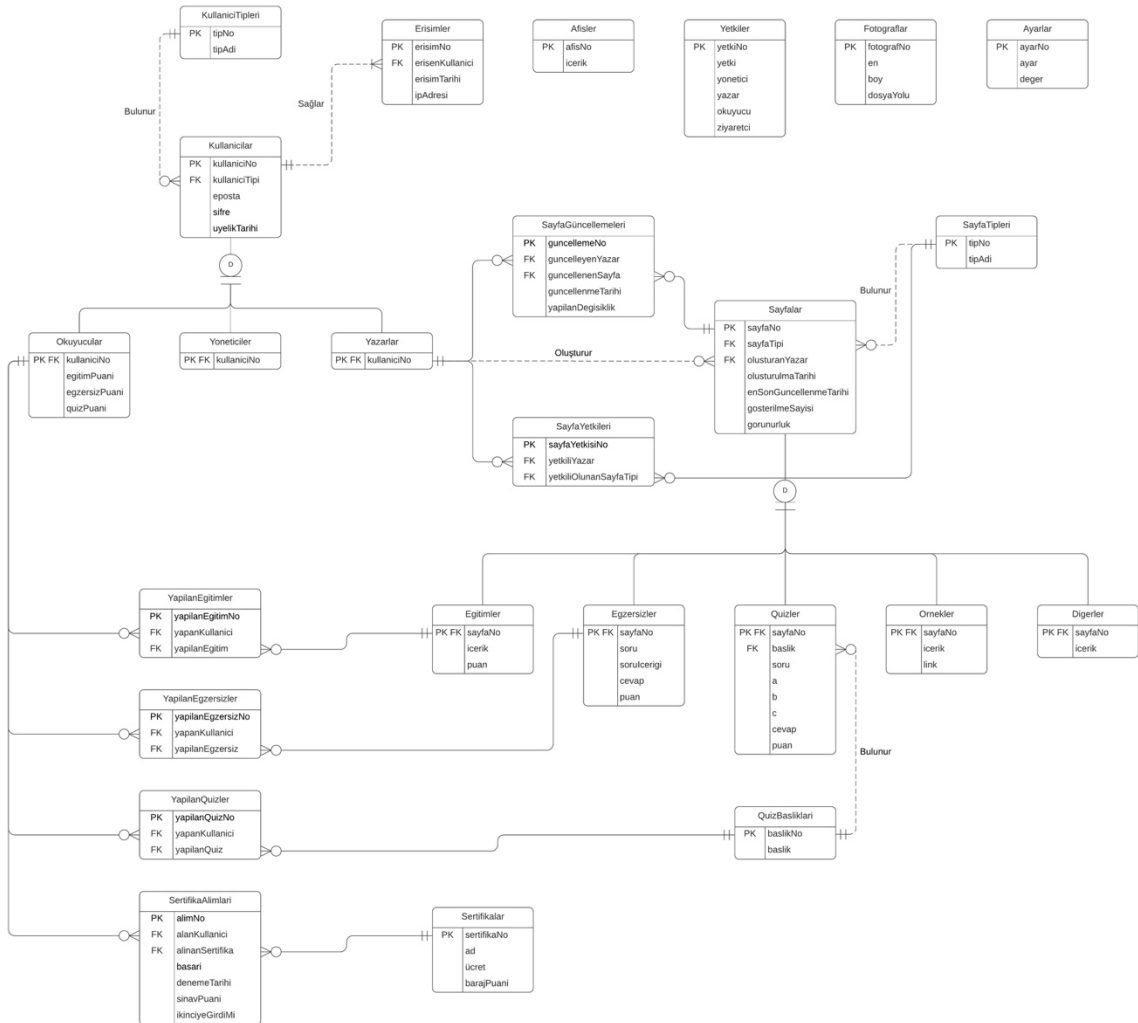
- 18- Her sayfanın kendisine özel sayfa numarası, oluşturan yazarı, oluşturulma tarihi, en son güncellenme tarihi, gösterilme sayısı ve görünürlük bilgisi bulunmalıdır.
- 19- Eğitim sayfaları sitedeki “Tutorials” yazılarını temsil eder. Bu sayfalarda o sayfaya ait içerik bilgisi ve kullanıcının bu sayfayı tamamlayınca kazanacağı puan bilgisi saklanmalıdır.
- 20- Egzersiz sayfaları sitedeki “Exercise” yazılarını temsil eder. Bu sayfalar soru, soru içeriği, cevap ve puan saklanmalıdır.
- 21- Quiz sayfaları sitedeki quiz sorularını temsil eder. Bu sayfalar soru, şıklar (a, b, c), cevap, puan ve ait oldukları konuları saklamalıdır.
- 22- Örnek sayfaları sitedeki “Exercise” yazılarını temsil eder. Bu sayfalarda örnek kodlar ve o kodların çalıştırılacağı sayfanın linki bulunmalıdır.
- 23- Diğer sayfaları sitedeki üstteki herhangi bir kategoriye girmeyen tüm yazıları temsil eder. Bu sayfalar gösterecekleri içerikleri saklamalıdır.
- 24- Sitede belirli konular hakkında sertifikalar vardır.
- 25- Eğer okuyucular isterse belirli bir ücret karşılığında sertifika için başvuru yapabilirler.
- 26- Sertifika için başvuru yapan okuyucular bir sınava girerler. Eğer sınavda başarısız olurlarsa ya da puanları yetmez ise bir kez daha sınava girmeye hakları vardır.
- 27- Bir sertifika hiçbir okuyucu tarafından alınmamış ya da birçok kullanıcı tarafından alınmış olabilir. Bir kullanıcı hiçbir sertifika almamış ya da birçok sertifika almış olabilir.
- 28- Okuyucuların sertifika alım tarihleri, aldıkları puanlar ve ikinci haklarını kullanıp kullanmadığı bilgileri saklanmalıdır.
- 29- Sitede kullanılacak fotoğraflar en, boy, dosya boyutu, dosya yolu bilgileri ve açıklaması saklanmalıdır.
- 30- Sitenin ayarları ve hangi kullanıcıların bu ayarları değiştirebileceği bilgileri saklanmalıdır.
- 31- Sitedeki afişlerin ve reklamların içerikleri saklanmalıdır.

İLİŞKİSEL ŞEMA

- KullaniciTipleri(**tipNo: Serial**, tipAdi: varchar)
- Kullanicilar(**kullaniciNo: Serial**, kullanıcıTipi: Serial, eposta: varchar, sifre: varchar, uyelikTarihi: date)
- Erisimler(**erisimNo: Serial**, erisenKullanici: Serial, erisimTarihi: date, ipAdresi: inet)
- Okuyucular(**kullaniciNo: Serial**, egitimPuani: int, egzersizPuani: int, quizPuani: int)
- Yazarlar(**kullaniciNo: Serial**)
- Yoneticiler(**kullaniciNo: Serial**)
- SayfaTipleri(**tipNo: Serial**, tipAdi: varchar)
- Sayfalar(**sayfaNo: Serial**, sayfaTipi: Serial, olusturanYazar: Serial, olusturulmaTarihi: date, enSonGuncellenmeTarihi: date, gosterilmeSayisi: int, gorunurluk: bool)
- SayfaGüncellemeleri(**guncellemeNo: Serial**, guncelleyenYazar: Serial, guncellenenSayfa: Serial, guncellenmeTarihi: date, yapilanDegisiklik: text)
- SayfaYetkileri(**sayfaYetkisiNo: Serial**, yetkiliYazar: Serial, yetkiliOlunanSayfa: Serial)
- Egitimler (**sayfaNo: Serial**, icerik: text, puan: int)
- Egzersizler (**sayfaNo: Serial**, soru: text, soruIcerigi: text, cevap: varchar, puan: int)
- QuizBasliklari(**baslikNo: Serial**, baslik: varchar)
- Quizler(**sayfaNo: Serial**, baslik: Serial, soru: text, a: varchar, b: varchar, c: varchar, cevap: varchar, puan: int)
- Ornekler(**sayfaNo: Serial**, icerik: text, link: varchar)
- Digerler(**sayfaNo: Serial**, icerik: text)
- Sertifikalar(**sertifikaNo: Serial**, ad: varchar, ucret: money, barajPuani: int)
- SertifikaAlimlari(**alimNo: Serial**, alanKullanici: Serial, alinanSertifika: Serial, basari: bool, denemeTarihi: date, sinavPuani: int, ikinciyeGirdiMi: bool)

- YapılanEgitimler(**yapilanEgitimNo: Serial**, yapanKullanici: Serial, yapılanEgitim: Serial)
- YapılanEgzersizler(**yapilanEgzersizNo: Serial**, yapanKullanici: Serial, yapılanEgzersiz: Serial)
- YapılanQuizler(**yapilanQuizNo: Serial**, yapanKullanici: Serial, yapılanQuiz: Serial)
- Afisler(**afisNo: Serial**, icerik: text)
- Yetkiler(**yetkiNo: Serial**, yetki: varchar, yoneticisi: bool, yazar: bool, okuyucu: bool, ziyaretci: bool)
- Fotograflar(**fotografNo: Serial**, en: int, boy: int, dosyaYolu: varchar)
- Ayarlar(**ayarNo: Serial**, ayar: varchar, deger: int)

Varlık Bağntı Modeli



SQL İFADELERİ

```
--
-- PostgreSQL database dump
--

-- Dumped from database version 13.1
-- Dumped by pg_dump version 13.1

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;

SET default_tablespace = '';

SET default_table_access_method = heap;

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

CREATE TABLE public."Afisler" (
    "afisNo" integer NOT NULL,
    icerik text NOT NULL
);
```

```
ALTER TABLE public."Afisler" OWNER TO postgres;
```

```
--
```

```
-- Name: Afisler_afisNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres
```

```
--
```

```
CREATE SEQUENCE public."Afisler_afisNo_seq"
```

```
AS integer
```

```
START WITH 1
```

```
INCREMENT BY 1
```

```
NO MINVALUE
```

```
NO MAXVALUE
```

```
CACHE 1;
```

```
ALTER TABLE public."Afisler_afisNo_seq" OWNER TO  
postgres;
```

```
--
```

```
-- Name: Afisler_afisNo_seq; Type: SEQUENCE OWNED BY;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE public."Afisler_afisNo_seq" OWNED BY  
public."Afisler"."afisNo";
```

```
--
```

```
-- Name: Ayarlar; Type: TABLE; Schema: public; Owner:  
postgres
```

--

```
CREATE TABLE public."Ayarlar" (  
    "ayarNo" integer NOT NULL,  
    ayar character varying NOT NULL,  
    deger integer NOT NULL  
);
```

```
ALTER TABLE public."Ayarlar" OWNER TO postgres;
```

--

```
-- Name: Ayarlar_ayarNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres
```

--

```
CREATE SEQUENCE public."Ayarlar_ayarNo_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

```
ALTER TABLE public."Ayarlar_ayarNo_seq" OWNER TO  
postgres;
```

--

```
-- Name: Ayarlar_ayarNo_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres
```

--


```
ALTER SEQUENCE public."Ayarlar_ayarNo_seq" OWNED  
BY public."Ayarlar"."ayarNo";
```

```
--  
-- Name: Digerler; Type: TABLE; Schema: public; Owner:  
postgres  
--
```

```
CREATE TABLE public."Digerler" (  
    "sayfaNo" integer NOT NULL,  
    icerik text NOT NULL  
);
```

```
ALTER TABLE public."Digerler" OWNER TO postgres;
```

```
--  
-- Name: Digerler_sayfaNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Digerler_sayfaNo_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

```
ALTER TABLE public."Digerler_sayfaNo_seq" OWNER TO  
postgres;
```

```
--  
-- Name: Digerler_sayfaNo_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Digerler_sayfaNo_seq" OWNED  
BY public."Digerler"."sayfaNo";
```

```
--  
-- Name: Egitimler; Type: TABLE; Schema: public; Owner:  
postgres  
--
```

```
CREATE TABLE public."Egitimler" (  
    "sayfaNo" integer NOT NULL,  
    icerik text NOT NULL,  
    puan integer DEFAULT 0,  
    CONSTRAINT "egitimCheck" CHECK ((puan >= 0))  
);
```

```
ALTER TABLE public."Egitimler" OWNER TO postgres;
```

```
--  
-- Name: Egitimler_sayfaNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Egitimler_sayfaNo_seq"  
    AS integer  
    START WITH 1
```

```
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;
```

```
ALTER TABLE public."Egitimler_sayfaNo_seq" OWNER TO
postgres;
```

```
--
-- Name: Egitimler_sayfaNo_seq; Type: SEQUENCE OWNED
BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE public."Egitimler_sayfaNo_seq" OWNED
BY public."Egitimler"."sayfaNo";
```

```
--
-- Name: Egzersizler; Type: TABLE; Schema: public; Owner:
postgres
--
```

```
CREATE TABLE public."Egzersizler" (
    "sayfaNo" integer NOT NULL,
    soru text NOT NULL,
    "soruIcerigi" text NOT NULL,
    cevap character varying NOT NULL,
    puan integer DEFAULT 0,
    CONSTRAINT "egzersizCheck" CHECK ((puan >= 0))
);
```

```
ALTER TABLE public."Egzersizler" OWNER TO postgres;
```

```
--
```

```
-- Name: Egzersizler_sayfaNo_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres
```

```
--
```

```
CREATE SEQUENCE public."Egzersizler_sayfaNo_seq"  
  AS integer  
  START WITH 1  
  INCREMENT BY 1  
  NO MINVALUE  
  NO MAXVALUE  
  CACHE 1;
```

```
ALTER TABLE public."Egzersizler_sayfaNo_seq" OWNER  
TO postgres;
```

```
--
```

```
-- Name: Egzersizler_sayfaNo_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE public."Egzersizler_sayfaNo_seq"  
OWNED BY public."Egzersizler"."sayfaNo";
```

```
--
```

```
-- Name: Erisimler; Type: TABLE; Schema: public; Owner:  
postgres
```

```
--
```

```
CREATE TABLE public."Erisimler" (  
    "erisimNo" integer NOT NULL,  
    "erisenKullanici" integer NOT NULL,  
    "erisimTarihi" date NOT NULL,  
    "ipAdresi" inet NOT NULL  
);
```

```
ALTER TABLE public."Erisimler" OWNER TO postgres;
```

```
--  
-- Name: Erisimler_erisenKullanici_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Erisimler_erisenKullanici_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

```
ALTER TABLE public."Erisimler_erisenKullanici_seq"  
OWNER TO postgres;
```

```
--  
-- Name: Erisimler_erisenKullanici_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Erisimler_erisenKullanici_seq"  
OWNED BY public."Erisimler"."erisenKullanici";
```

```
--  
-- Name: Erisimler_erisimNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Erisimler_erisimNo_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."Erisimler_erisimNo_seq" OWNER TO  
postgres;
```

```
--  
-- Name: Erisimler_erisimNo_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Erisimler_erisimNo_seq"  
OWNED BY public."Erisimler"."erisimNo";
```

```
--  
-- Name: Fotograflar; Type: TABLE; Schema: public; Owner:  
postgres
```

--

```
CREATE TABLE public."Fotograflar" (  
    "fotografNo" integer NOT NULL,  
    en integer NOT NULL,  
    boy integer NOT NULL,  
    "dosyaYolu" character varying NOT NULL,  
    CONSTRAINT "fotograflarCheck1" CHECK ((en >= 0)),  
    CONSTRAINT "fotograflarCheck2" CHECK ((boy >= 0))  
);
```

```
ALTER TABLE public."Fotograflar" OWNER TO postgres;
```

--

```
-- Name: Fotograflar_fotografNo_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres
```

--

```
CREATE SEQUENCE public."Fotograflar_fotografNo_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

```
ALTER TABLE public."Fotograflar_fotografNo_seq" OWNER  
TO postgres;
```

--

```
-- Name: Fotograflar_fotografNo_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Fotograflar_fotografNo_seq"  
OWNED BY public."Fotograflar"."fotografNo";
```

```
--  
-- Name: KullaniciTipleri; Type: TABLE; Schema: public;  
Owner: postgres  
--
```

```
CREATE TABLE public."KullaniciTipleri" (  
    "tipNo" integer NOT NULL,  
    "tipAdi" character varying NOT NULL  
);
```

```
ALTER TABLE public."KullaniciTipleri" OWNER TO  
postgres;
```

```
--  
-- Name: KullaniciTipleri_tipNo_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."KullaniciTipleri_tipNo_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE
```


CACHE 1;

ALTER TABLE public."KullaniciTipleri_tipNo_seq" OWNER
TO postgres;

--

-- Name: KullaniciTipleri_tipNo_seq; Type: SEQUENCE
OWNED BY; Schema: public; Owner: postgres

--

ALTER SEQUENCE public."KullaniciTipleri_tipNo_seq"
OWNED BY public."KullaniciTipleri"."tipNo";

--

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

--

CREATE TABLE public."Kullanicilar" (
 "kullaniciNo" integer NOT NULL,
 "kullaniciTipi" integer NOT NULL,
 "eposta" character varying NOT NULL,
 "sifre" character varying NOT NULL,
 "uyelikTarihi" date NOT NULL
);

ALTER TABLE public."Kullanicilar" OWNER TO postgres;

--

```
-- Name: Kullanicilar_kullaniciNo_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Kullanicilar_kullaniciNo_seq"  
  AS integer  
  START WITH 1  
  INCREMENT BY 1  
  NO MINVALUE  
  NO MAXVALUE  
  CACHE 1;
```

```
ALTER TABLE public."Kullanicilar_kullaniciNo_seq"  
OWNER TO postgres;
```

```
--  
-- Name: Kullanicilar_kullaniciNo_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Kullanicilar_kullaniciNo_seq"  
OWNED BY public."Kullanicilar"."kullaniciNo";
```

```
--  
-- Name: Kullanicilar_kullaniciTipi_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Kullanicilar_kullaniciTipi_seq"  
  AS integer  
  START WITH 1
```

```
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."Kullanıcılar_kullanıcıTipi_seq"  
OWNER TO postgres;
```

```
--  
-- Name: Kullanıcılar_kullanıcıTipi_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Kullanıcılar_kullanıcıTipi_seq"  
OWNED BY public."Kullanıcılar"."kullanıcıTipi";
```

```
--  
-- Name: Okuyucular; Type: TABLE; Schema: public; Owner:  
postgres  
--
```

```
CREATE TABLE public."Okuyucular" (  
    "kullanıcıNo" integer NOT NULL,  
    "egitimPuani" integer DEFAULT 0,  
    "egzersizPuani" integer DEFAULT 0,  
    "quizPuani" integer DEFAULT 0  
);
```

```
ALTER TABLE public."Okuyucular" OWNER TO postgres;
```

```
--
-- Name: Okuyucular_kullaniciNo_seq; Type: SEQUENCE;
Schema: public; Owner: postgres
--

CREATE SEQUENCE public."Okuyucular_kullaniciNo_seq"
  AS integer
  START WITH 1
  INCREMENT BY 1
  NO MINVALUE
  NO MAXVALUE
  CACHE 1;
```

```
ALTER TABLE public."Okuyucular_kullaniciNo_seq"
OWNER TO postgres;
```

```
--
-- Name: Okuyucular_kullaniciNo_seq; Type: SEQUENCE
OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE public."Okuyucular_kullaniciNo_seq"
OWNED BY public."Okuyucular"."kullaniciNo";
```

```
--
-- Name: Ornekler; Type: TABLE; Schema: public; Owner:
postgres
--
```

```
CREATE TABLE public."Ornekler" (
  "sayfaNo" integer NOT NULL,
```

```
    icerik text NOT NULL,  
    link character varying NOT NULL  
);
```

```
ALTER TABLE public."Ornekler" OWNER TO postgres;
```

```
--  
-- Name: Ornekler_sayfaNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Ornekler_sayfaNo_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

```
ALTER TABLE public."Ornekler_sayfaNo_seq" OWNER TO  
postgres;
```

```
--  
-- Name: Ornekler_sayfaNo_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Ornekler_sayfaNo_seq" OWNED  
BY public."Ornekler"."sayfaNo";
```

```

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

CREATE TABLE public."QuizBasliklari" (
    "baslikNo" integer NOT NULL,
    baslik character varying NOT NULL
);

ALTER TABLE public."QuizBasliklari" OWNER TO postgres;

--
-- Name: QuizBasliklari_baslikNo_seq; Type: SEQUENCE;
Schema: public; Owner: postgres
--

CREATE SEQUENCE public."QuizBasliklari_baslikNo_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public."QuizBasliklari_baslikNo_seq"
OWNER TO postgres;

--
-- Name: QuizBasliklari_baslikNo_seq; Type: SEQUENCE
OWNED BY; Schema: public; Owner: postgres

```

--

```
ALTER SEQUENCE public."QuizBasliklari_baslikNo_seq"  
OWNED BY public."QuizBasliklari"."baslikNo";
```

--

```
-- Name: Quizler; Type: TABLE; Schema: public; Owner:  
postgres
```

--

```
CREATE TABLE public."Quizler" (  
    "sayfaNo" integer NOT NULL,  
    baslik integer NOT NULL,  
    soru text NOT NULL,  
    a character varying NOT NULL,  
    b character varying NOT NULL,  
    c character varying NOT NULL,  
    cevap character varying NOT NULL,  
    puan integer DEFAULT 0,  
    CONSTRAINT "quizCheck" CHECK ((puan >= 0))  
);
```

```
ALTER TABLE public."Quizler" OWNER TO postgres;
```

--

```
-- Name: Quizler_baslik_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres
```

--

```
CREATE SEQUENCE public."Quizler_baslik_seq"  
AS integer
```

```
START WITH 1
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;
```

```
ALTER TABLE public."Quizler_baslik_seq" OWNER TO
postgres;
```

```
--
-- Name: Quizler_baslik_seq; Type: SEQUENCE OWNED BY;
Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE public."Quizler_baslik_seq" OWNED BY
public."Quizler".baslik;
```

```
--
-- Name: Quizler_sayfaNo_seq; Type: SEQUENCE; Schema:
public; Owner: postgres
--
```

```
CREATE SEQUENCE public."Quizler_sayfaNo_seq"
AS integer
START WITH 1
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;
```



```
ALTER TABLE public."Quizler_sayfaNo_seq" OWNER TO
postgres;
```

```
--
```

```
-- Name: Quizler_sayfaNo_seq; Type: SEQUENCE OWNED
BY; Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE public."Quizler_sayfaNo_seq" OWNED
BY public."Quizler"."sayfaNo";
```

```
--
```

```
-- Name: SayfaGuncellemeleri; Type: TABLE; Schema: public;
Owner: postgres
```

```
--
```

```
CREATE TABLE public."SayfaGuncellemeleri" (
    "guncellemeNo" integer NOT NULL,
    "guncelleyenYazar" integer NOT NULL,
    "guncellenenSayfa" integer NOT NULL,
    "guncellenmeTarihi" date NOT NULL,
    "yapilanDegisiklik" text NOT NULL
);
```

```
ALTER TABLE public."SayfaGuncellemeleri" OWNER TO
postgres;
```

```
--
```

```
-- Name: SayfaGuncellemeleri_guncellemeNo_seq; Type:
SEQUENCE; Schema: public; Owner: postgres
```

```
--
```

CREATE SEQUENCE

public."SayfaGuncellemeleri_guncellemeNo_seq"

AS integer

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1;

ALTER TABLE

public."SayfaGuncellemeleri_guncellemeNo_seq" OWNER TO
postgres;

--

-- Name: SayfaGuncellemeleri_guncellemeNo_seq; Type:
SEQUENCE OWNED BY; Schema: public; Owner: postgres

--

ALTER SEQUENCE

public."SayfaGuncellemeleri_guncellemeNo_seq" OWNED BY
public."SayfaGuncellemeleri"."guncellemeNo";

--

-- Name: SayfaGuncellemeleri_guncellenenSayfa_seq; Type:
SEQUENCE; Schema: public; Owner: postgres

--

CREATE SEQUENCE

public."SayfaGuncellemeleri_guncellenenSayfa_seq"

AS integer

```
START WITH 1
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;
```

```
ALTER TABLE
public."SayfaGuncellemeleri_guncellenenSayfa_seq" OWNER
TO postgres;
```

```
--
-- Name: SayfaGuncellemeleri_guncellenenSayfa_seq; Type:
SEQUENCE OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE
public."SayfaGuncellemeleri_guncellenenSayfa_seq" OWNED
BY public."SayfaGuncellemeleri"."guncellenenSayfa";
```

```
--
-- Name: SayfaGuncellemeleri_guncelleyenYazar_seq; Type:
SEQUENCE; Schema: public; Owner: postgres
--
```

```
CREATE SEQUENCE
public."SayfaGuncellemeleri_guncelleyenYazar_seq"
AS integer
START WITH 1
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
```

```
CACHE 1;
```

```
ALTER TABLE
```

```
public."SayfaGuncellemeleri_guncelleyenYazar_seq" OWNER  
TO postgres;
```

```
--
```

```
-- Name: SayfaGuncellemeleri_guncelleyenYazar_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE
```

```
public."SayfaGuncellemeleri_guncelleyenYazar_seq" OWNED  
BY public."SayfaGuncellemeleri"."guncelleyenYazar";
```

```
--
```

```
-- Name: SayfaTipleri; Type: TABLE; Schema: public; Owner:  
postgres
```

```
--
```

```
CREATE TABLE public."SayfaTipleri" (  
    "tipNo" integer NOT NULL,  
    "tipAdi" character varying NOT NULL  
);
```

```
ALTER TABLE public."SayfaTipleri" OWNER TO postgres;
```

```
--
```

```
-- Name: SayfaTipleri_tipNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres
```

--

```
CREATE SEQUENCE public."SayfaTipleri_tipNo_seq"  
  AS integer  
  START WITH 1  
  INCREMENT BY 1  
  NO MINVALUE  
  NO MAXVALUE  
  CACHE 1;
```

```
ALTER TABLE public."SayfaTipleri_tipNo_seq" OWNER TO  
postgres;
```

--

```
-- Name: SayfaTipleri_tipNo_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres
```

--

```
ALTER SEQUENCE public."SayfaTipleri_tipNo_seq" OWNED  
BY public."SayfaTipleri"."tipNo";
```

--

```
-- Name: SayfaYetkileri; Type: TABLE; Schema: public;  
Owner: postgres
```

--

```
CREATE TABLE public."SayfaYetkileri" (  
  "sayfaYetkisiNo" integer NOT NULL,  
  "yetkiliYazar" integer NOT NULL,  
  "yetkiliOlunanSayfaTipi" integer NOT NULL  
);
```

```
ALTER TABLE public."SayfaYetkileri" OWNER TO postgres;
```

```
--
```

```
-- Name: SayfaYetkileri_sayfaYetkisiNo_seq; Type:  
SEQUENCE; Schema: public; Owner: postgres
```

```
--
```

```
CREATE SEQUENCE  
public."SayfaYetkileri_sayfaYetkisiNo_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."SayfaYetkileri_sayfaYetkisiNo_seq"  
OWNER TO postgres;
```

```
--
```

```
-- Name: SayfaYetkileri_sayfaYetkisiNo_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE  
public."SayfaYetkileri_sayfaYetkisiNo_seq" OWNED BY  
public."SayfaYetkileri"."sayfaYetkisiNo";
```

```
--
```

```
-- Name: SayfaYetkileri_yetkiliOlunanSayfaTipi_seq; Type:
SEQUENCE; Schema: public; Owner: postgres
--
```

```
CREATE SEQUENCE
public."SayfaYetkileri_yetkiliOlunanSayfaTipi_seq"
  AS integer
  START WITH 1
  INCREMENT BY 1
  NO MINVALUE
  NO MAXVALUE
  CACHE 1;
```

```
ALTER TABLE
public."SayfaYetkileri_yetkiliOlunanSayfaTipi_seq" OWNER
TO postgres;
```

```
--
-- Name: SayfaYetkileri_yetkiliOlunanSayfaTipi_seq; Type:
SEQUENCE OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE
public."SayfaYetkileri_yetkiliOlunanSayfaTipi_seq" OWNED
BY public."SayfaYetkileri"."yetkiliOlunanSayfaTipi";
```

```
--
-- Name: SayfaYetkileri_yetkiliYazar_seq; Type: SEQUENCE;
Schema: public; Owner: postgres
--
```

```
CREATE SEQUENCE
public."SayfaYetkileri_yetkiliYazar_seq"
  AS integer
  START WITH 1
  INCREMENT BY 1
  NO MINVALUE
  NO MAXVALUE
  CACHE 1;
```

```
ALTER TABLE public."SayfaYetkileri_yetkiliYazar_seq"
OWNER TO postgres;
```

```
--
-- Name: SayfaYetkileri_yetkiliYazar_seq; Type: SEQUENCE
OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE public."SayfaYetkileri_yetkiliYazar_seq"
OWNED BY public."SayfaYetkileri"."yetkiliYazar";
```

```
--
-- Name: Sayfalar; Type: TABLE; Schema: public; Owner:
postgres
--
```

```
CREATE TABLE public."Sayfalar" (
  "sayfaNo" integer NOT NULL,
  "sayfaTipi" integer NOT NULL,
  "olusturanYazar" integer NOT NULL,
  "olusturulmaTarihi" date NOT NULL,
  "enSonGuncellenmeTarihi" date NOT NULL,
```



```
"gosterilmeSayisi" integer NOT NULL,  
gorunurluk boolean NOT NULL,  
CONSTRAINT "sayfalarCheck" CHECK  
(("gosterilmeSayisi" >= 0))  
);
```

```
ALTER TABLE public."Sayfalar" OWNER TO postgres;
```

```
--  
-- Name: Sayfalar_olusturanYazar_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Sayfalar_olusturanYazar_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."Sayfalar_olusturanYazar_seq"  
OWNER TO postgres;
```

```
--  
-- Name: Sayfalar_olusturanYazar_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Sayfalar_olusturanYazar_seq"  
OWNED BY public."Sayfalar"."olusturanYazar";
```

```
--  
-- Name: Sayfalar_sayfaNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Sayfalar_sayfaNo_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

```
ALTER TABLE public."Sayfalar_sayfaNo_seq" OWNER TO  
postgres;
```

```
--  
-- Name: Sayfalar_sayfaNo_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Sayfalar_sayfaNo_seq" OWNED  
BY public."Sayfalar"."sayfaNo";
```

```
--  
-- Name: Sayfalar_sayfaTipi_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Sayfalar_sayfaTipi_seq"  
  AS integer  
  START WITH 1  
  INCREMENT BY 1  
  NO MINVALUE  
  NO MAXVALUE  
  CACHE 1;
```

```
ALTER TABLE public."Sayfalar_sayfaTipi_seq" OWNER TO  
postgres;
```

```
--  
-- Name: Sayfalar_sayfaTipi_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Sayfalar_sayfaTipi_seq" OWNED  
BY public."Sayfalar"."sayfaTipi";
```

```
--  
-- Name: SertifikaAlimlari; Type: TABLE; Schema: public;  
Owner: postgres  
--
```

```
CREATE TABLE public."SertifikaAlimlari" (  
  "alimNo" integer NOT NULL,  
  "alanKullanici" integer NOT NULL,  
  "alinanSertifika" integer NOT NULL,  
  basari boolean NOT NULL,  
  "denemeTarihi" date NOT NULL,  
  "sinavPuani" integer NOT NULL,
```

```
"ikinciyeGirdiMi" boolean DEFAULT false,  
CONSTRAINT "sertifikaAlimlariCheck" CHECK  
(("sinavPuani" >= 0))  
);
```

```
ALTER TABLE public."SertifikaAlimlari" OWNER TO  
postgres;
```

```
--  
-- Name: SertifikaAlimlari_alanKullanici_seq; Type:  
SEQUENCE; Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE  
public."SertifikaAlimlari_alanKullanici_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."SertifikaAlimlari_alanKullanici_seq"  
OWNER TO postgres;
```

```
--  
-- Name: SertifikaAlimlari_alanKullanici_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE
public."SertifikaAlimlari_alanKullanici_seq" OWNED BY
public."SertifikaAlimlari"."alanKullanici";

--
-- Name: SertifikaAlimlari_alimNo_seq; Type: SEQUENCE;
Schema: public; Owner: postgres
--

CREATE SEQUENCE public."SertifikaAlimlari_alimNo_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;

ALTER TABLE public."SertifikaAlimlari_alimNo_seq"
OWNER TO postgres;

--
-- Name: SertifikaAlimlari_alimNo_seq; Type: SEQUENCE
OWNED BY; Schema: public; Owner: postgres
--

ALTER SEQUENCE public."SertifikaAlimlari_alimNo_seq"
OWNED BY public."SertifikaAlimlari"."alimNo";

--
```

```
-- Name: SertifikaAlimlari_alinanSertifika_seq; Type:
SEQUENCE; Schema: public; Owner: postgres
--
```

```
CREATE SEQUENCE
public."SertifikaAlimlari_alinanSertifika_seq"
  AS integer
  START WITH 1
  INCREMENT BY 1
  NO MINVALUE
  NO MAXVALUE
  CACHE 1;
```

```
ALTER TABLE public."SertifikaAlimlari_alinanSertifika_seq"
OWNER TO postgres;
```

```
--
-- Name: SertifikaAlimlari_alinanSertifika_seq; Type:
SEQUENCE OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE
public."SertifikaAlimlari_alinanSertifika_seq" OWNED BY
public."SertifikaAlimlari"."alinanSertifika";
```

```
--
-- Name: Sertifikalar; Type: TABLE; Schema: public; Owner:
postgres
--
```

```
CREATE TABLE public."Sertifikalar" (
```

```
"sertifikaNo" integer NOT NULL,  
ad character varying NOT NULL,  
ucret money NOT NULL,  
"barajPuani" integer NOT NULL,  
CONSTRAINT "sertifikalarCheck" CHECK (("barajPuani"  
>= 0))  
);
```

```
ALTER TABLE public."Sertifikalar" OWNER TO postgres;
```

```
--  
-- Name: Sertifikalar_sertifikaNo_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Sertifikalar_sertifikaNo_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."Sertifikalar_sertifikaNo_seq" OWNER  
TO postgres;
```

```
--  
-- Name: Sertifikalar_sertifikaNo_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Sertifikalar_sertifikaNo_seq"  
OWNED BY public."Sertifikalar"."sertifikaNo";
```

```
--
```

```
-- Name: YapilanEgitimler; Type: TABLE; Schema: public;  
Owner: postgres
```

```
--
```

```
CREATE TABLE public."YapilanEgitimler" (  
    "yapilanEgitimNo" integer NOT NULL,  
    "yapanKullanici" integer NOT NULL,  
    "yapilanEgitim" integer NOT NULL  
);
```

```
ALTER TABLE public."YapilanEgitimler" OWNER TO  
postgres;
```

```
--
```

```
-- Name: YapilanEgitimler_yapanKullanici_seq; Type:  
SEQUENCE; Schema: public; Owner: postgres
```

```
--
```

```
CREATE SEQUENCE  
public."YapilanEgitimler_yapanKullanici_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```



```
ALTER TABLE public."YapilanEgitimler_yapanKullanici_seq"  
OWNER TO postgres;
```

```
--
```

```
-- Name: YapilanEgitimler_yapanKullanici_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE  
public."YapilanEgitimler_yapanKullanici_seq" OWNED BY  
public."YapilanEgitimler"."yapanKullanici";
```

```
--
```

```
-- Name: YapilanEgitimler_yapilanEgitimNo_seq; Type:  
SEQUENCE; Schema: public; Owner: postgres
```

```
--
```

```
CREATE SEQUENCE  
public."YapilanEgitimler_yapilanEgitimNo_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE  
public."YapilanEgitimler_yapilanEgitimNo_seq" OWNER TO  
postgres;
```

```
--  
-- Name: YapilanEgitimler_yapilanEgitimNo_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE  
public."YapilanEgitimler_yapilanEgitimNo_seq" OWNED BY  
public."YapilanEgitimler"."yapilanEgitimNo";
```

```
--  
-- Name: YapilanEgitimler_yapilanEgitim_seq; Type:  
SEQUENCE; Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE  
public."YapilanEgitimler_yapilanEgitim_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."YapilanEgitimler_yapilanEgitim_seq"  
OWNER TO postgres;
```

```
--  
-- Name: YapilanEgitimler_yapilanEgitim_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres  
--
```

ALTER SEQUENCE

public."YapilanEgitimler_yapilanEgitim_seq" OWNED BY
public."YapilanEgitimler"."yapilanEgitim";

--

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

--

CREATE TABLE public."YapilanEgzersizler" (
 "yapilanEgzersizNo" integer NOT NULL,
 "yapanKullanici" integer NOT NULL,
 "yapilanEgzersiz" integer NOT NULL
);

ALTER TABLE public."YapilanEgzersizler" OWNER TO
postgres;

--

-- Name: YapilanEgzersizler_yapanKullanici_seq; Type:
SEQUENCE; Schema: public; Owner: postgres

--

CREATE SEQUENCE

public."YapilanEgzersizler_yapanKullanici_seq"
 AS integer
 START WITH 1
 INCREMENT BY 1
 NO MINVALUE
 NO MAXVALUE
 CACHE 1;

ALTER TABLE

public."YapilanEgzersizler_yapanKullanici_seq" OWNER TO
postgres;

--

-- Name: YapilanEgzersizler_yapanKullanici_seq; Type:
SEQUENCE OWNED BY; Schema: public; Owner: postgres

--

ALTER SEQUENCE

public."YapilanEgzersizler_yapanKullanici_seq" OWNED BY
public."YapilanEgzersizler"."yapanKullanici";

--

-- Name: YapilanEgzersizler_yapilanEgzersizNo_seq; Type:
SEQUENCE; Schema: public; Owner: postgres

--

CREATE SEQUENCE

public."YapilanEgzersizler_yapilanEgzersizNo_seq"

AS integer

START WITH 1

INCREMENT BY 1

NO MINVALUE

NO MAXVALUE

CACHE 1;

```
ALTER TABLE
public."YapilanEgzersizler_yapilanEgzersizNo_seq" OWNER
TO postgres;
```

```
--
-- Name: YapilanEgzersizler_yapilanEgzersizNo_seq; Type:
SEQUENCE OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE
public."YapilanEgzersizler_yapilanEgzersizNo_seq" OWNED
BY public."YapilanEgzersizler"."yapilanEgzersizNo";
```

```
--
-- Name: YapilanEgzersizler_yapilanEgzersiz_seq; Type:
SEQUENCE; Schema: public; Owner: postgres
--
```

```
CREATE SEQUENCE
public."YapilanEgzersizler_yapilanEgzersiz_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;
```

```
ALTER TABLE
public."YapilanEgzersizler_yapilanEgzersiz_seq" OWNER TO
postgres;
```

```
--  
-- Name: YapilanEgzersizler_yapilanEgzersiz_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE  
public."YapilanEgzersizler_yapilanEgzersiz_seq" OWNED BY  
public."YapilanEgzersizler"."yapilanEgzersiz";
```

```
--  
-- Name: YapilanQuizler; Type: TABLE; Schema: public;  
Owner: postgres  
--
```

```
CREATE TABLE public."YapilanQuizler" (  
    "yapilanQuizNo" integer NOT NULL,  
    "yapanKullanici" integer NOT NULL,  
    "yapilanQuiz" integer NOT NULL  
);
```

```
ALTER TABLE public."YapilanQuizler" OWNER TO postgres;
```

```
--  
-- Name: YapilanQuizler_yapanKullanici_seq; Type:  
SEQUENCE; Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE  
public."YapilanQuizler_yapanKullanici_seq"  
    AS integer  
    START WITH 1
```

```
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;
```

```
ALTER TABLE public."YapilanQuizler_yapanKullanici_seq"
OWNER TO postgres;
```

```
--
-- Name: YapilanQuizler_yapanKullanici_seq; Type:
SEQUENCE OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE
public."YapilanQuizler_yapanKullanici_seq" OWNED BY
public."YapilanQuizler"."yapanKullanici";
```

```
--
-- Name: YapilanQuizler_yapilanQuizNo_seq; Type:
SEQUENCE; Schema: public; Owner: postgres
--
```

```
CREATE SEQUENCE
public."YapilanQuizler_yapilanQuizNo_seq"
AS integer
START WITH 1
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;
```

```
ALTER TABLE public."YapilanQuizler_yapilanQuizNo_seq"  
OWNER TO postgres;
```

```
--
```

```
-- Name: YapilanQuizler_yapilanQuizNo_seq; Type:  
SEQUENCE OWNED BY; Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE  
public."YapilanQuizler_yapilanQuizNo_seq" OWNED BY  
public."YapilanQuizler"."yapilanQuizNo";
```

```
--
```

```
-- Name: YapilanQuizler_yapilanQuiz_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres
```

```
--
```

```
CREATE SEQUENCE  
public."YapilanQuizler_yapilanQuiz_seq"  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public."YapilanQuizler_yapilanQuiz_seq"  
OWNER TO postgres;
```

```
--
```



```
-- Name: YapilanQuizler_yapilanQuiz_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."YapilanQuizler_yapilanQuiz_seq"  
OWNED BY public."YapilanQuizler"."yapilanQuiz";
```

```
--  
-- Name: Yazarlar; Type: TABLE; Schema: public; Owner:  
postgres  
--
```

```
CREATE TABLE public."Yazarlar" (  
    "kullaniciNo" integer NOT NULL  
);
```

```
ALTER TABLE public."Yazarlar" OWNER TO postgres;
```

```
--  
-- Name: Yazarlar_kullaniciNo_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres  
--
```

```
CREATE SEQUENCE public."Yazarlar_kullaniciNo_seq"  
    AS integer  
    START WITH 1  
    INCREMENT BY 1  
    NO MINVALUE  
    NO MAXVALUE  
    CACHE 1;
```

```
ALTER TABLE public."Yazarlar_kullaniciNo_seq" OWNER  
TO postgres;
```

```
--  
-- Name: Yazarlar_kullaniciNo_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres  
--
```

```
ALTER SEQUENCE public."Yazarlar_kullaniciNo_seq"  
OWNED BY public."Yazarlar"."kullaniciNo";
```

```
--  
-- Name: Yetkiler; Type: TABLE; Schema: public; Owner:  
postgres  
--
```

```
CREATE TABLE public."Yetkiler" (  
    "yetkiNo" integer NOT NULL,  
    yetki character varying NOT NULL,  
    yonetici boolean NOT NULL,  
    yazar boolean NOT NULL,  
    okuyucu boolean NOT NULL,  
    ziyaretci boolean NOT NULL  
);
```

```
ALTER TABLE public."Yetkiler" OWNER TO postgres;
```

```
--  
-- Name: Yetkiler_yetkiNo_seq; Type: SEQUENCE; Schema:  
public; Owner: postgres
```

--

```
CREATE SEQUENCE public."Yetkiler_yetkiNo_seq"  
  AS integer  
  START WITH 1  
  INCREMENT BY 1  
  NO MINVALUE  
  NO MAXVALUE  
  CACHE 1;
```

```
ALTER TABLE public."Yetkiler_yetkiNo_seq" OWNER TO  
postgres;
```

--

```
-- Name: Yetkiler_yetkiNo_seq; Type: SEQUENCE OWNED  
BY; Schema: public; Owner: postgres
```

--

```
ALTER SEQUENCE public."Yetkiler_yetkiNo_seq" OWNED  
BY public."Yetkiler"."yetkiNo";
```

--

```
-- Name: Yoneticiler; Type: TABLE; Schema: public; Owner:  
postgres
```

--

```
CREATE TABLE public."Yoneticiler" (  
  "kullaniciNo" integer NOT NULL  
);
```

```
ALTER TABLE public."Yoneticiler" OWNER TO postgres;
```

```
--
```

```
-- Name: Yoneticiler_kullaniciNo_seq; Type: SEQUENCE;  
Schema: public; Owner: postgres
```

```
--
```

```
CREATE SEQUENCE public."Yoneticiler_kullaniciNo_seq"  
  AS integer  
  START WITH 1  
  INCREMENT BY 1  
  NO MINVALUE  
  NO MAXVALUE  
  CACHE 1;
```

```
ALTER TABLE public."Yoneticiler_kullaniciNo_seq" OWNER  
TO postgres;
```

```
--
```

```
-- Name: Yoneticiler_kullaniciNo_seq; Type: SEQUENCE  
OWNED BY; Schema: public; Owner: postgres
```

```
--
```

```
ALTER SEQUENCE public."Yoneticiler_kullaniciNo_seq"  
OWNED BY public."Yoneticiler"."kullaniciNo";
```

```
--
```

```
-- Name: Afisler_afisNo; Type: DEFAULT; Schema: public;  
Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Afisler" ALTER COLUMN  
"afisNo" SET DEFAULT  
nextval('public."Afisler_afisNo_seq"::regclass);
```

```
--  
-- Name: Ayarlar ayarNo; Type: DEFAULT; Schema: public;  
Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Ayarlar" ALTER COLUMN  
"ayarNo" SET DEFAULT  
nextval('public."Ayarlar_ayarNo_seq"::regclass);
```

```
--  
-- Name: Digerler sayfaNo; Type: DEFAULT; Schema: public;  
Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Digerler" ALTER COLUMN  
"sayfaNo" SET DEFAULT  
nextval('public."Digerler_sayfaNo_seq"::regclass);
```

```
--  
-- Name: Egitimler sayfaNo; Type: DEFAULT; Schema: public;  
Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Egitimler" ALTER COLUMN  
"sayfaNo" SET DEFAULT  
nextval('public."Egitimler_sayfaNo_seq"::regclass);
```

```
--  
-- Name: Egzersizler sayfaNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Egzersizler" ALTER COLUMN  
"sayfaNo" SET DEFAULT  
nextval('public."Egzersizler_sayfaNo_seq"::regclass);
```

```
--  
-- Name: Erisimler erisimNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Erisimler" ALTER COLUMN  
"erisimNo" SET DEFAULT  
nextval('public."Erisimler_erisimNo_seq"::regclass);
```

```
--  
-- Name: Erisimler erisenKullanici; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Erisimler" ALTER COLUMN  
"erisenKullanici" SET DEFAULT  
nextval('public."Erisimler_erisenKullanici_seq"::regclass);
```

```
--
```

```
-- Name: Fotograflar fotografNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Fotograflar" ALTER COLUMN  
"fotografNo" SET DEFAULT  
nextval('public."Fotograflar_fotografNo_seq"::regclass);
```

```
--  
-- Name: KullaniciTipleri tipNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."KullaniciTipleri" ALTER  
COLUMN "tipNo" SET DEFAULT  
nextval('public."KullaniciTipleri_tipNo_seq"::regclass);
```

```
--  
-- Name: Kullanicilar kullaniciNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Kullanicilar" ALTER  
COLUMN "kullaniciNo" SET DEFAULT  
nextval('public."Kullanicilar_kullaniciNo_seq"::regclass);
```

```
--  
-- Name: Kullanicilar kullaniciTipi; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Kullaniciilar" ALTER  
COLUMN "kullaniciTipi" SET DEFAULT  
nextval('public."Kullaniciilar_kullaniciTipi_seq"::regclass);
```

```
--
```

```
-- Name: Okuyucular_kullaniciNo; Type: DEFAULT; Schema:  
public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Okuyucular" ALTER  
COLUMN "kullaniciNo" SET DEFAULT  
nextval('public."Okuyucular_kullaniciNo_seq"::regclass);
```

```
--
```

```
-- Name: Ornekler_sayfaNo; Type: DEFAULT; Schema: public;  
Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Ornekler" ALTER COLUMN  
"sayfaNo" SET DEFAULT  
nextval('public."Ornekler_sayfaNo_seq"::regclass);
```

```
--
```

```
-- Name: QuizBasliklari_baslikNo; Type: DEFAULT; Schema:  
public; Owner: postgres
```

```
--
```



```
ALTER TABLE ONLY public."QuizBasliklari" ALTER  
COLUMN "baslikNo" SET DEFAULT  
nextval('public."QuizBasliklari_baslikNo_seq"::regclass);
```

```
--
```

```
-- Name: Quizler sayfaNo; Type: DEFAULT; Schema: public;  
Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Quizler" ALTER COLUMN  
"sayfaNo" SET DEFAULT  
nextval('public."Quizler_sayfaNo_seq"::regclass);
```

```
--
```

```
-- Name: Quizler baslik; Type: DEFAULT; Schema: public;  
Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Quizler" ALTER COLUMN  
baslik SET DEFAULT  
nextval('public."Quizler_baslik_seq"::regclass);
```

```
--
```

```
-- Name: SayfaGuncellemeleri guncellemeNo; Type:  
DEFAULT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaGuncellemeleri" ALTER  
COLUMN "guncellemeNo" SET DEFAULT
```

```
nextval('public."SayfaGuncellemeleri_guncellemeNo_seq"::regc  
lass);
```

```
--
```

```
-- Name: SayfaGuncellemeleri guncelleyenYazar; Type:  
DEFAULT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaGuncellemeleri" ALTER  
COLUMN "guncelleyenYazar" SET DEFAULT  
nextval('public."SayfaGuncellemeleri_guncelleyenYazar_seq"::r  
egclass);
```

```
--
```

```
-- Name: SayfaGuncellemeleri guncellenenSayfa; Type:  
DEFAULT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaGuncellemeleri" ALTER  
COLUMN "guncellenenSayfa" SET DEFAULT  
nextval('public."SayfaGuncellemeleri_guncellenenSayfa_seq"::r  
egclass);
```

```
--
```

```
-- Name: SayfaTipleri tipNo; Type: DEFAULT; Schema: public;  
Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaTipleri" ALTER  
COLUMN "tipNo" SET DEFAULT  
nextval('public."SayfaTipleri_tipNo_seq"::regclass);
```

```
--  
-- Name: SayfaYetkileri sayfaYetkisiNo; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SayfaYetkileri" ALTER  
COLUMN "sayfaYetkisiNo" SET DEFAULT  
nextval('public."SayfaYetkileri_sayfaYetkisiNo_seq"::regclass);
```

```
--  
-- Name: SayfaYetkileri yetkiliYazar; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SayfaYetkileri" ALTER  
COLUMN "yetkiliYazar" SET DEFAULT  
nextval('public."SayfaYetkileri_yetkiliYazar_seq"::regclass);
```

```
--  
-- Name: SayfaYetkileri yetkiliOlunanSayfaTipi; Type:  
DEFAULT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SayfaYetkileri" ALTER  
COLUMN "yetkiliOlunanSayfaTipi" SET DEFAULT
```

```
nextval('public."SayfaYetkileri_yetkiliOlunanSayfaTipi_seq"::r  
egclass);
```

```
--
```

```
-- Name: Sayfalar sayfaNo; Type: DEFAULT; Schema: public;  
Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Sayfalar" ALTER COLUMN  
"sayfaNo" SET DEFAULT  
nextval('public."Sayfalar_sayfaNo_seq"::regclass);
```

```
--
```

```
-- Name: Sayfalar sayfaTipi; Type: DEFAULT; Schema: public;  
Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Sayfalar" ALTER COLUMN  
"sayfaTipi" SET DEFAULT  
nextval('public."Sayfalar_sayfaTipi_seq"::regclass);
```

```
--
```

```
-- Name: Sayfalar olusturanYazar; Type: DEFAULT; Schema:  
public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Sayfalar" ALTER COLUMN  
"olusturanYazar" SET DEFAULT  
nextval('public."Sayfalar_olusturanYazar_seq"::regclass);
```

```
--  
-- Name: SertifikaAlimlari alimNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SertifikaAlimlari" ALTER  
COLUMN "alimNo" SET DEFAULT  
nextval('public."SertifikaAlimlari_alimNo_seq"::regclass);
```

```
--  
-- Name: SertifikaAlimlari alanKullanici; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SertifikaAlimlari" ALTER  
COLUMN "alanKullanici" SET DEFAULT  
nextval('public."SertifikaAlimlari_alanKullanici_seq"::regclass)  
;
```

```
--  
-- Name: SertifikaAlimlari alinanSertifika; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SertifikaAlimlari" ALTER  
COLUMN "alinanSertifika" SET DEFAULT  
nextval('public."SertifikaAlimlari_alinanSertifika_seq"::regclass  
);
```

```
--  
-- Name: Sertifikalar sertifikaNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Sertifikalar" ALTER COLUMN  
"sertifikaNo" SET DEFAULT  
nextval('public."Sertifikalar_sertifikaNo_seq"'::regclass);
```

```
--  
-- Name: YapilanEgitimler yapilanEgitimNo; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanEgitimler" ALTER  
COLUMN "yapilanEgitimNo" SET DEFAULT  
nextval('public."YapilanEgitimler_yapilanEgitimNo_seq"'::regcl  
ass);
```

```
--  
-- Name: YapilanEgitimler yapanKullanici; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanEgitimler" ALTER  
COLUMN "yapanKullanici" SET DEFAULT  
nextval('public."YapilanEgitimler_yapanKullanici_seq"'::regclas  
s);
```

```
--
```

```
-- Name: YapilanEgitimler yapilanEgitim; Type: DEFAULT;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanEgitimler" ALTER  
COLUMN "yapilanEgitim" SET DEFAULT  
nextval('public."YapilanEgitimler_yapilanEgitim_seq"::regclass  
)
```

```
--
```

```
-- Name: YapilanEgzersizler yapilanEgzersizNo; Type:  
DEFAULT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanEgzersizler" ALTER  
COLUMN "yapilanEgzersizNo" SET DEFAULT  
nextval('public."YapilanEgzersizler_yapilanEgzersizNo_seq"::r  
egclass)
```

```
--
```

```
-- Name: YapilanEgzersizler yapanKullanici; Type: DEFAULT;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanEgzersizler" ALTER  
COLUMN "yapanKullanici" SET DEFAULT  
nextval('public."YapilanEgzersizler_yapanKullanici_seq"::regcl  
ass)
```

```
--
```

```
-- Name: YapilanEgzersizler yapilanEgzersiz; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanEgzersizler" ALTER  
COLUMN "yapilanEgzersiz" SET DEFAULT  
nextval('public."YapilanEgzersizler_yapilanEgzersiz_seq"::regc  
lass);
```

```
--  
-- Name: YapilanQuizler yapilanQuizNo; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanQuizler" ALTER  
COLUMN "yapilanQuizNo" SET DEFAULT  
nextval('public."YapilanQuizler_yapilanQuizNo_seq"::regclass)  
;
```

```
--  
-- Name: YapilanQuizler yapanKullanici; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanQuizler" ALTER  
COLUMN "yapanKullanici" SET DEFAULT  
nextval('public."YapilanQuizler_yapanKullanici_seq"::regclass)  
;
```

```
--
```



```
-- Name: YapilanQuizler yapilanQuiz; Type: DEFAULT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanQuizler" ALTER  
COLUMN "yapilanQuiz" SET DEFAULT  
nextval('public."YapilanQuizler_yapilanQuiz_seq"::regclass);
```

```
--  
-- Name: Yazarlar kullanicNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Yazarlar" ALTER COLUMN  
"kullanicNo" SET DEFAULT  
nextval('public."Yazarlar_kullanicNo_seq"::regclass);
```

```
--  
-- Name: Yetkiler yetkiNo; Type: DEFAULT; Schema: public;  
Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Yetkiler" ALTER COLUMN  
"yetkiNo" SET DEFAULT  
nextval('public."Yetkiler_yetkiNo_seq"::regclass);
```

```
--  
-- Name: Yoneticiler kullanicNo; Type: DEFAULT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Yoneticiler" ALTER COLUMN
"kullaniciNo" SET DEFAULT
nextval('public."Yoneticiler_kullaniciNo_seq"::regclass);
```

```
--
```

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

```
--
```

```
INSERT INTO public."Afisler" VALUES
```

```
    (1, '<div class="sidesection">
      <h4><a href="/colors/colors_picker.asp">COLOR
      PICKER</a></h4>
      <a href="/colors/colors_picker.asp">
      </a>
      </div>'),
    (2, '<div class="sidesection" style="margin-
left:auto;margin-right:auto;max-width:230px">
      <!--<h4><a class="w3-button w3-green w3-block"
      href="https://shop.w3schools.com/" target="_blank" style="text-
      decoration:none;margin-top:1px;margin-
      bottom:1px">SHOP</a></h4>-->
      <a href="https://shop.w3schools.com/" target="_blank"
      title="Buy W3Schools Merchandize">
        
      </a>
      </div>'),
    (3, '<div class="sidesection w3-light-grey" style="margin-
left:auto;margin-right:auto;max-width:230px">
      <div class="w3-container w3-dark-grey">
```

```
<h4><a href="/howto/default.asp" class="w3-hover-text-
white">HOW TO</a></h4>
</div>
<div class="w3-container w3-left-align w3-padding-16">
  <a href="/howto/howto_js_tabs.asp">Tabs</a><br>
  <a
href="/howto/howto_css_dropdown.asp">Dropdowns</a><br>
  <a
href="/howto/howto_js_accordion.asp">Accordions</a><br>
  <a href="/howto/howto_js_sidenav.asp">Side
Navigation</a><br>
  <a href="/howto/howto_js_topnav.asp">Top
Navigation</a><br>
  <a href="/howto/howto_css_modals.asp">Modal
Boxes</a><br>
  <a href="/howto/howto_js_progressbar.asp">Progress
Bars</a><br>
  <a href="/howto/howto_css_parallax.asp">Parallax</a><br>
  <a href="/howto/howto_css_login_form.asp">Login
Form</a><br>
  <a href="/howto/howto_html_include.asp">HTML
Includes</a><br>
  <a href="/howto/howto_google_maps.asp">Google
Maps</a><br>
  <a href="/howto/howto_js_rangeslider.asp">Range
Sliders</a><br>
  <a href="/howto/howto_css_tooltip.asp">Tooltips</a><br>
  <a
href="/howto/howto_js_slideshow.asp">Slideshow</a><br>
  <a href="/howto/howto_js_filter_lists.asp">Filter
List</a><br>
  <a href="/howto/howto_js_sort_list.asp">Sort List</a><br>
</div>
```

```
</div>');
```

```
--
```

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

```
--
```

```
INSERT INTO public."Ayarlar" VALUES
```

```
    (1, 'template', 3),
```

```
    (2, 'darkmode', 1);
```

```
--
```

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

```
--
```

```
INSERT INTO public."Digerler" VALUES
```

```
    (9, '<div class="w3-col l10 m12" id="main">
```

```
<div id="mainLeaderboard" style="overflow:hidden;">
```

```
<!-- MainLeaderboard-->
```

```
<!--<pre>main_leaderboard, all:
```

```
[728,90][970,90][320,50][468,60]</pre>-->
```

```
<div id="snhb-main_leaderboard-0"></div>
```

```
<!-- adspace leaderboard -->
```

```
</div>
```

```
<h1>How TO - Tab Headers</h1>
```

```
<div class="w3-clear nextprev">
```

```
<a class="w3-left w3-btn" href="howto_js_vertical_tabs.asp"><
```

```
Previous</a>
```

```

    <a class="w3-right w3-btn"
href="howto_js_full_page_tabs.asp">Next ></a>
</div>
<hr>
<p class="intro">Learn how to create tab headers with CSS and
JavaScript.</p>
<hr>
<h2>Tab Headers</h2>
<p>Click on the "city" buttons to display the appropriate
header:</p>

<div id="London" class="tabcontent" style="display: none;">
  <h1>London</h1>
  <p>London is the capital city of England.</p>
</div>

<div id="Paris" class="tabcontent" style="display: none;">
  <h1>Paris</h1>
  <p>Paris is the capital of France.</p>
</div>

<div id="Tokyo" class="tabcontent" style="display: block;">
  <h1>Tokyo</h1>
  <p>Tokyo is the capital of Japan.</p>
</div>

<div id="Oslo" class="tabcontent" style="display: none;">
  <h1>Oslo</h1>
  <p>Oslo is the capital of Norway.</p>
</div>

<button class="tablink" onclick="openCity('London', this,
"#f44336")">London</button>

```

```

<button class="tablink" onclick="openCity('Paris', this,
"#4CAF50")">Paris</button>
<button class="tablink" onclick="openCity('Tokyo', this,
"#2196F3")" id="defaultOpen" style="background-color: rgb(33,
150, 243); color: white;">Tokyo</button>
<button class="tablink" onclick="openCity('Oslo', this,
"#ff5722")">Oslo</button>

```

```

<script>
function openCity(cityName,elmnt,color) {
    var i, tabcontent, tablinks;
    tabcontent =
document.getElementsByClassName("tabcontent");
    for (i = 0; i < tabcontent.length; i++) {
        tabcontent[i].style.display = "none";
    }
    tablinks = document.getElementsByClassName("tablink");
    for (i = 0; i < tablinks.length; i++) {
        tablinks[i].style.backgroundColor = "";
        tablinks[i].style.color = "";
    }
    document.getElementById(cityName).style.display = "block";
    elmnt.style.backgroundColor = color;
    elmnt.style.color = "white";

}
// Get the element with id="defaultOpen" and click on it
document.getElementById("defaultOpen").click();
</script><br><br><br>
<p style="margin-top:2px"><a target="_blank"
href="tryit.asp?filename=tryhow_js_tab_header" class="w3-
btn">Try it Yourself »</a></p>

```

<hr>

<h2>Create Toggable Tab Headers</h2>

<h5>Step 1) Add HTML:</h5>

<div class="w3-example">

<h3>Example</h3>

<div class="w3-code notranslate htmlHigh">

```
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>div<span
class="attributeicolor" style="color:red"> id<span
class="attributevaluecolor"
style="color:mediumblue">="London"</span> class<span
class="attributevaluecolor"
style="color:mediumblue">="tabcontent"</span></span><span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br>&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span>London<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br>&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;</span>p<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span>London is the
capital city of England.<span class="tagnamecolor"
style="color:brown"><span class="tagcolor"
```

```

style="color:mediumblue">&lt;/span>/p<span class="tagcolor"
style="color:mediumblue">&gt;/span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>/div<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span><br><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>div<span
class="attributevaluecolor" style="color:red"> id<span
class="attributevaluecolor"
style="color:mediumblue">="Paris"</span> class<span
class="attributevaluecolor"
style="color:mediumblue">="tabcontent"</span></span><span
class="tagcolor"
style="color:mediumblue">&gt;/span></span><br>
&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>h1<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span>Paris<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span><br>&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;/span>p<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span>Paris is the
capital of France.<span class="tagnamecolor"

```



```

style="color:brown"><span class="tagcolor"
style="color:mediumblue">&lt;/span>/p<span class="tagcolor"
style="color:mediumblue">&gt;/span></span> <br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>/div<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span><br><br>
  <span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>div<span
class="attributevaluecolor" style="color:red"> id<span
class="attributevaluecolor"
style="color:mediumblue">="Tokyo"</span> class<span
class="attributevaluecolor"
style="color:mediumblue">="tabcontent"</span></span><span
class="tagcolor"
style="color:mediumblue">&gt;/span></span><br>&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>h1<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span>Tokyo<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span><br>&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;/span>p<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span>Tokyo is the

```

capital of Japan.</p>
</div>

<div id="Oslo" class="tabcontent">
 <h1>Oslo</h1>
 <p<

style="color:mediumblue">>Oslo is the capital of Norway.</p>
</div>

<button class="tablink" onclick="openCity("London", this, "red")" id="defaultOpen">London</button>
<button class="tablink" onclick<span

```

class="attributevaluecolor"
style="color:mediumblue">="openCity("Paris", this,
    "green")"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Paris<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/button<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>button<span
class="attributecolor" style="color:red"> class<span
class="attributevaluecolor"
style="color:mediumblue">="tablink"</span> onclick<span
class="attributevaluecolor"
style="color:mediumblue">="openCity("Tokyo",
    this, "blue")"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Tokyo<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/button<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>button<span
class="attributecolor" style="color:red"> class<span
class="attributevaluecolor"
style="color:mediumblue">="tablink"</span> onclick<span
class="attributevaluecolor"
style="color:mediumblue">="openCity("Oslo",

```

```

    this, "orange"))</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Oslo<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/button<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span> </div>
</div>

```

<p>Create buttons to open specific
tab content. All <div> elements with <code class="w3-
codespan">class="tabcontent"</code> are hidden by default
(with CSS & JS). When the user clicks on a button - it will
open the tab content
that "matches" this button.</p>

```
<hr>
```

Step 2) Add CSS:</h2>

<p>Style the buttons and the tab content:</p>

```
<div class="w3-example">
```

Example</h3>

```
<div class="w3-code notranslate cssHigh"><span
class="cssselectorcolor" style="color:brown">
```

```

    <span class="commentcolor" style="color:green">/* Style the
tab buttons */</span><br>.tablink <span

```

```

class="cssdelimitercolor" style="color:black">{</span><span
class="csspropertycolor"

```

```

style="color:red"><br>&nbsp;&nbsp;&nbsp;background-color<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:</span>

```

```
#555<span class="cssdelimitercolor"
```

```
style="color:black">;</span></span><br>
```

```
&nbsp;   color<span class="csspropertyvaluecolor"
```

```
style="color:mediumblue"><span class="cssdelimitercolor"
```

```
style="color:black">:</span> white<span
```

```

class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;
float<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> left<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp; border<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:</span>
none<span class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;outline
<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> none<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp; cursor<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:</span>
pointer<span class="cssdelimitercolor"
style="color:black">;</span></span><br>
&nbsp;
padding<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> 14px 16px<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp; font-
size<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> 17px<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;width<
span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"

```

```

style="color:black">:/span> 25%<span
class="cssdelimitercolor"
style="color:black">;</span></span><br></span><span
class="cssdelimitercolor" style="color:black">}</span><br>
<br><span class="commentcolor" style="color:green">/*
Change background color of buttons on hover
*/</span><br>.tablink:hover <span class="cssdelimitercolor"
style="color:black">{</span><span class="csspropertycolor"
style="color:red"><br>&nbsp;&nbsp;&nbsp;background-color<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:/span>
#777<span class="cssdelimitercolor"
style="color:black">;</span></span><br></span><span
class="cssdelimitercolor"
style="color:black">}</span><br><br><span
class="commentcolor" style="color:green">/* Set default styles
for tab content */</span><br>.tabcontent
<span class="cssdelimitercolor"
style="color:black">{</span><span class="csspropertycolor"
style="color:red"><br>&nbsp;&nbsp;&nbsp;color<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:/span>
white<span class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;&nbsp;display
<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:/span> none<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;
padding<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:/span> 50px<span
class="cssdelimitercolor"

```

```

style="color:black">;</span></span><br>&nbsp; text-
align<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> center<span
class="cssdelimitercolor"
style="color:black">;</span></span><br></span><span
class="cssdelimitercolor"
style="color:black">></span><br><br><span
class="commentcolor" style="color:green">/* Style
each tab content individually */</span> <br>#London <span
class="cssdelimitercolor" style="color:black">{</span><span
class="csspropertycolor" style="color:red">background-
color<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span>red<span class="cssdelimitercolor"
style="color:black">;</span></span></span><span
class="cssdelimitercolor"
style="color:black">></span><br>#Paris <span
class="cssdelimitercolor" style="color:black">{</span><span
class="csspropertycolor" style="color:red">background-
color<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span>green<span
class="cssdelimitercolor"
style="color:black">;</span></span></span><span
class="cssdelimitercolor" style="color:black">></span><br>
#Tokyo <span class="cssdelimitercolor"
style="color:black">{</span><span class="csspropertycolor"
style="color:red">background-color<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor"
style="color:black">:</span>blue<span
class="cssdelimitercolor"

```



```

style="color:black">}</span></span></span><span
class="cssdelimitercolor"
style="color:black">}</span><br>#Oslo <span
class="cssdelimitercolor" style="color:black">{</span><span
class="csspropertycolor" style="color:red">background-
color<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span>orange<span
class="cssdelimitercolor"
style="color:black">}</span></span></span><span
class="cssdelimitercolor" style="color:black">}</span><br>
</span></div>

```

```
</div>
```

```
<hr>
```

```
<div id="midcontentadcontainer" style="overflow:auto;text-align:center">
```

```
<!-- MidContent -->
```

```
<!-- <p class="adtext">Advertisement</p> -->
```

```

<!--<pre>mid_content, all:
[300,250][336,280][728,90][970,250][970,90][320,50][468,60]<
/pre>-->

```

```
<div id="snhb-mid_content-0"></div>
```

```
</div>
```

```
<hr>
```

```
<h5>Step 3) Add JavaScript:</h5>
```

```
<div class="w3-example">
```

```
<h3>Example</h3>
```

```

<div class="w3-code notranslate jsHigh"><span class="jscolor"
style="color:black"><span class="jsnumbercolor"
style="color:red">

```

```

</span> <span class="jskeywordcolor"
style="color:mediumblue">function</span>
openCity(cityName, elmnt, color) {<br>&nbsp; <span
class="commentcolor" style="color:green">// Hide all
elements with class="tabcontent" by default
*/<br></span>&nbsp; <span class="jskeywordcolor"
style="color:mediumblue">var</span> i, <span
class="jsnumbercolor" style="color:red">
</span> tabcontent, tablinks;<br>&nbsp; tabcontent = <span
class="jsnumbercolor" style="color:red">
</span> document.<span class="jspropertycolor"
style="color:black">getElementsByClassName</span>(<span
class="jsstringcolor"
style="color:brown">"tabcontent"</span>);<br>&nbsp; <span
class="jskeywordcolor" style="color:mediumblue">for</span>
(i = <span class="jsnumbercolor" style="color:red">
</span> <span class="jsnumbercolor"
style="color:red">0</span>; i &lt; tabcontent.<span
class="jspropertycolor" style="color:black">length</span>; i++)
{<br>&nbsp; &nbsp; &nbsp; <span class="jsnumbercolor"
style="color:red">
</span> tabcontent[i].<span class="jspropertycolor"
style="color:black">style</span>.<span class="jspropertycolor"
style="color:black">display</span> = <span
class="jsstringcolor"
style="color:brown">"none"</span>;<br>&nbsp; &nbsp; }<br><
span class="jsnumbercolor" style="color:red">
</span> <br>&nbsp; <span class="commentcolor"
style="color:green">// Remove the background color of all
tablinks/buttons<br></span>&nbsp; &nbsp; tablinks =
document.<span class="jspropertycolor"
style="color:black">getElementsByClassName</span>(<span
class="jsstringcolor"

```

[illegible]

```

style="color:black">getElementById</span>(<span
class="jsstringcolor"
style="color:brown">"defaultOpen"</span>).<span
class="jspropertycolor" style="color:black">click</span>());
</span></div>
<a target="_blank"
href="tryit.asp?filename=tryhow_js_tab_header" class="w3-btn
w3-margin-bottom">Try it Yourself »</a>
</div>

```

```

<p><strong>Tip:</strong> Also check out <a
href="howto_js_tabs.asp">How To - Tabs</a>.</p>

```

```

<br>
<div class="w3-clear nextprev">
<a class="w3-left w3-btn" href="howto_js_vertical_tabs.asp"><
Previous</a>
  <a class="w3-right w3-btn"
href="howto_js_full_page_tabs.asp">Next ></a>
</div>
<div id="mypagediv2" style="position:relative;text-
align:center;"></div>
<br>

```

```

</div>'),
(8, '<div class="w3-col l10 m12" id="main">
<div id="mainLeaderboard" style="overflow:hidden;">
  <!-- MainLeaderboard-->

  <!--<pre>main_leaderboard, all:
[728,90][970,90][320,50][468,60]</pre>-->
  <div id="snhb-main_leaderboard-0"></div>

```

```
<!-- adspace leaderboard -->
```

```
</div>
```

```
<h1>How TO - Top Navigation</h1>
```

```
<div class="w3-clear nextprev">
```

```
  <a class="w3-left w3-btn" href="howto_js_hover_tabs.asp"><
Previous</a>
```

```
  <a class="w3-right w3-btn"
href="howto_js_topnav_responsive.asp">Next ></a>
```

```
</div>
```

```
<hr>
```

```
<p class="intro">Learn how to create a top navigation bar with
CSS.</p>
```

```
<hr>
```

```
<h2>Top Navigation Bar</h2>
```

```
<ul id="myUl" class="topnav2">
```

```
  <li><a href="javascript:void(0);"
class="active">Home</a></li>
```

```
  <li><a href="javascript:void(0);">News</a></li>
```

```
  <li><a href="javascript:void(0);">Contact</a></li>
```

```
  <li class="w3-hide-small"><a
href="javascript:void(0);">About</a></li>
```

```
</ul>
```

```
<p><a target="_blank"
href="tryit.asp?filename=tryhow_css_topnav" class="w3-
btn">Try it Yourself »</a></p>
```

```
<hr style="clear:both;">
```

```
<h2>Create A Top Navigation Bar</h2>
```

```
<h5>Step 1) Add HTML:</h5>
```

```
<div class="w3-example">
```

<h3>Example</h3>

<div class="w3-code notranslate htmlHigh">

<span
class="tagcolor"

style="color:mediumblue"><div<span

class="attributeicolor" style="color:red"> class<span

class="attributevaluecolor"

style="color:mediumblue">="topnav"<span

class="tagcolor"

style="color:mediumblue">>

<span

class="tagcolor" style="color:mediumblue"><a<span

class="attributeicolor" style="color:red"> class<span

class="attributevaluecolor"

style="color:mediumblue">="active" href<span

class="attributevaluecolor"

style="color:mediumblue">="#home"<span

class="tagcolor"

style="color:mediumblue">>Home<span

class="tagnamecolor" style="color:brown"><span

class="tagcolor" style="color:mediumblue"></a<span

class="tagcolor"

style="color:mediumblue">>

<span

class="tagcolor" style="color:mediumblue"><a<span

class="attributeicolor" style="color:red"> href<span

class="attributevaluecolor"

style="color:mediumblue">="#news"<span

class="tagcolor"

style="color:mediumblue">>News<span

class="tagnamecolor" style="color:brown"><span

class="tagcolor" style="color:mediumblue"></a<span

class="tagcolor"

```

style="color:mediumblue">&gt;</span></span><br>&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;</span>a<span
class="attributeicolor" style="color:red"> href<span
class="attributevaluecolor"
style="color:mediumblue">="#contact"</span></span><span
class="tagcolor"
style="color:mediumblue">&gt;</span></span>Contact<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;</span>/a<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br>&nbsp;
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;</span>a<span
class="attributeicolor" style="color:red"> href<span
class="attributevaluecolor"
style="color:mediumblue">="#about"</span></span><span
class="tagcolor"
style="color:mediumblue">&gt;</span></span>About<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;</span>/a<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/div<span
class="tagcolor"
style="color:mediumblue">&lt;</span></span> </div>
</div>
<hr>
<h5>Step 2) Add CSS:</h5>
<div class="w3-example">
<h3>Example</h3>

```

```

<div class="w3-code notranslate cssHigh"><span
class="cssselectorcolor" style="color:brown">
<span class="commentcolor" style="color:green">/*
  Add a black background color to the top navigation
*/</span><br>.topnav <span class="cssdelimitercolor"
style="color:black">{</span><span class="csspropertycolor"
style="color:red"><br>&nbsp;&nbsp;&nbsp;background-color<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:</span>
#333<span class="cssdelimitercolor"
style="color:black">;</span></span><br>
  &nbsp;&nbsp; overflow<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> hidden<span
class="cssdelimitercolor"
style="color:black">;</span></span><br></span><span
class="cssdelimitercolor"
style="color:black">}</span><br><br><span
class="commentcolor" style="color:green">/*
Style the links inside the navigation bar */</span><br>.topnav a
<span class="cssdelimitercolor"
style="color:black">{</span><span class="csspropertycolor"
style="color:red"><br>&nbsp;&nbsp;
  float<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> left<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;&nbsp; color<s
pan class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> #f2f2f2<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;&nbsp; text-

```



```

align<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> center<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;&nbsp;paddin
g<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> 14px 16px<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;&nbsp;text-
decoration<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> none<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>
&nbsp;  
font-size<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> 17px<span
class="cssdelimitercolor"
style="color:black">;</span></span><br></span><span
class="cssdelimitercolor"
style="color:black">}</span><br><br><span
class="commentcolor" style="color:green">/* Change the color
of links on hover */</span><br>.topnav a:hover <span
class="cssdelimitercolor" style="color:black">{</span><span
class="csspropertycolor" style="color:red"><br>
&nbsp;  
background-color<span class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> #ddd<span
class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;   color<span

```

```

class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:</span>
black<span class="cssdelimitercolor"
style="color:black">;</span></span><br></span><span
class="cssdelimitercolor"
style="color:black">}</span><br><br><span
class="commentcolor" style="color:green">/* Add
a color to the active/current link */</span><br>.topnav
a.active <span class="cssdelimitercolor"
style="color:black">{</span><span class="csspropertycolor"
style="color:red"><br>&nbsp;&nbsp;&nbsp;background-color<span
class="csspropertyvaluecolor" style="color:mediumblue"><span
class="cssdelimitercolor" style="color:black">:</span>
#4CAF50<span class="cssdelimitercolor"
style="color:black">;</span></span><br>&nbsp;&nbsp;&nbsp;color<s
pan class="csspropertyvaluecolor"
style="color:mediumblue"><span class="cssdelimitercolor"
style="color:black">:</span> white<span
class="cssdelimitercolor"
style="color:black">;</span></span><br></span><span
class="cssdelimitercolor" style="color:black">}</span><br>
</span></div>
<a target="_blank"
href="tryit.asp?filename=tryhow_css_topnav" class="w3-btn
w3-margin-bottom">Try it Yourself »</a>
</div>

```

<p>Tip: To create mobile-friendly, responsive navigation bars, read our How To - Responsive Top Navigation tutorial.</p>

<p>Tip: Go to our CSS Navbar Tutorial to learn more about navigation bars.</p>

<div class="w3-clear nextprev">

< Previous

Next >
</div>

<div id="mypagediv2" style="position:relative;text-align:center;"></div>

</div>');

--

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

--

INSERT INTO public."Egitimler" VALUES

(1, '<div class="w3-col l10 m12" id="main">
<div id="mainLeaderboard" style="overflow:hidden;">
<!-- MainLeaderboard-->

<div id="div-gpt-ad-1422003450156-2">

<script

type="text/javascript">googletag.cmd.push(function() {
googletag.display("div-gpt-ad-1422003450156-2"); });</script>

</div>

</div>

<h1>HTML Headings</h1>

<div class="w3-clear nextprev">

< Previous

Next >

</div>

<hr>

<p class="intro">HTML headings are titles or subtitles that you want to display on a webpage.</p>

<hr>

<div class="w3-example">

<h3>Example</h3>

<div class="w3-white w3-padding notranslate">

<h1>Heading 1</h1>

<h2>Heading 2</h2>

<h3>Heading 3</h3>

<h4>Heading 4</h4>

<h5>Heading 5</h5>

<h6>Heading 6</h6>

</div>

<a class="w3-btn w3-margin-top w3-margin-bottom" href="tryit.asp?filename=tryhtml_headings"

target="_blank">Try it Yourself »

</div>

<hr>

<h2>HTML Headings</h2>

<p>HTML headings are defined with the <code class="w3-codespan"><h1></code> to <code class="w3-codespan"><h6></code> tags.</p>

<p><code class="w3-codespan"><h1></code> defines the most important heading. <code class="w3-codespan"><h6></code> defines the least important heading.</p>

<div class="w3-example">

<h3>Example</h3>

<div class="w3-code notranslate htmlHigh">

<span class="tagcolor"

style="color:mediumblue"><h1<span class="tagcolor"

style="color:mediumblue">>Heading 1<span

class="tagnamecolor" style="color:brown"><span class="tagcolor"

style="color:mediumblue"></h1<span class="tagcolor"

style="color:mediumblue">>

<span class="tagcolor"

style="color:mediumblue"><h2<span class="tagcolor"

style="color:mediumblue">>Heading 2<span

class="tagnamecolor" style="color:brown"><span class="tagcolor"

style="color:mediumblue"></h2<span class="tagcolor"

style="color:mediumblue">>

<span class="tagcolor"

style="color:mediumblue"><h3<span

class="tagcolor"
style="color:mediumblue">>Heading 3<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue"></h3<span
class="tagcolor"
style="color:mediumblue">>
<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue"><h4<span
class="tagcolor"
style="color:mediumblue">>Heading 4<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue"></h4<span
class="tagcolor"
style="color:mediumblue">>
<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue"><h5<span
class="tagcolor"
style="color:mediumblue">>Heading 5<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue"></h5<span
class="tagcolor"
style="color:mediumblue">>
<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue"><h6<span
class="tagcolor"
style="color:mediumblue">>Heading 6<span
class="tagnamecolor" style="color:brown"><span

```
class="tagcolor"
style="color:mediumblue">&lt;</span>/h6<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span> </div>
<a target="_blank" href="tryit.asp?filename=tryhtml_headings"
class="w3-btn w3-margin-bottom">Try it Yourself »</a>
</div>
```

```
<div class="w3-panel w3-note">
  <p><strong>Note:</strong> Browsers automatically add some
white space (a margin) before and after a heading.</p>
</div>
<hr>
```

```
<h2>Headings Are Important</h2>
<p>Search engines use the headings to index the structure and
content of your web pages.</p>
<p>Users often skim a page by its headings. It is important to
use headings to show the document structure.</p>
<p><code class="w3-codespan">&lt;h1&gt;</code> headings
should be used for main headings, followed by <code
class="w3-codespan">&lt;h2&gt;</code> headings, then the
less important
<code class="w3-codespan">&lt;h3&gt;</code>, and so on.</p>
<div class="w3-panel w3-note">
  <p><strong>Note:</strong> Use HTML headings for headings
only. Don't use headings to make text
  <strong>BIG</strong> or <strong>bold</strong>.</p>
</div>
<hr>
<h2>Bigger Headings</h2>
```

Each HTML heading has a default size. However, you can specify the size for any heading with the `<code class="w3-codespan">style</code>` attribute, using the CSS `<code class="w3-codespan">font-size</code>` property:

```
<div class="w3-example">
<h3>Example</h3>
<div class="w3-code notranslate htmlHigh">
<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributeicolor" style="color:red">
  style<span class="attributevaluecolor"
style="color:mediumblue">="font-
size:60px;"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Heading 1<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br>
</div>
<a target="_blank"
href="tryit.asp?filename=tryhtml_headings_size" class="w3-btn
w3-margin-bottom">Try it Yourself »</a>
</div>
<hr>
<div id="midcontentadcontainer" style="overflow:auto;text-
align:center">
<!-- MidContent -->
<!-- <p class="adtext">Advertisement</p> -->
```



```
<div id="div-gpt-ad-1493883843099-0" style="display: inline-block">
  <script>
    googletag.cmd.push(function() { googletag.display("div-gpt-
ad-1493883843099-0"); });
  </script>
</div>
```

```
</div>
```

```
<hr>
```

```
<h2>HTML Exercises</h2>
```

```
<form autocomplete="off" id="w3-exerciseform"
action="exercise.asp?filename=exercise_html_headings1"
method="post" target="_blank">
```

```
<h2>Test Yourself With Exercises</h2>
```

```
<div class="exercisewindow">
```

```
<h2>Exercise:</h2>
```

```
<p>Use the correct HTML tag to add a heading with the text
"London".</p>
```

```
<div class="exerciseprecontainer">
```

```
<input name="ex1" maxlength="15" style="width: 155px;">
```

```
<br>
```

```
<br>
```

```
&lt;p>London is the capital city of England.
```

```
It is the most populous city in the United Kingdom,
with a metropolitan area of over 13 million
inhabitants.&lt;/p>
```

```
</div>
```

```
<br>
```

```
<button type="submit" class="w3-btn w3-margin-
bottom">Submit Answer »</button>
```

<p><a target="_blank"
href="exercise.asp?filename=exercise_html_headings1">Start
the Exercise</p>

</div>

</form>

<hr>

<h2>HTML Tag Reference</h2>

<p>W3Schools" tag reference contains additional information
about these tags and their attributes.</p>

<table class="w3-table-all notranslate">

<tbody><tr>

<th>Tag</th>

<th>Description</th>

</tr>

<tr>

<td><html></td>

<td>Defines the root of an HTML document</td>

</tr>

<tr>

<td><body></td>

<td>Defines the document's body</td>

</tr>

<tr>

<td><h1> to
<h6></td>

<td>Defines HTML headings</td>

</tr>

</tbody></table>

<div class="w3-note w3-panel">

<p>For a complete list of all available HTML tags, visit our HTML Tag Reference.</p>

</div>

<div class="w3-clear nextprev">

<
Previous

Next
>

</div>

<div id="mypagediv2" style="position:relative;text-align:center;"></div>

</div>', 5),

(2, '<div class="w3-col l10 m12" id="main">

<div id="mainLeaderboard" style="overflow:hidden;">

<!-- MainLeaderboard-->

<div id="div-gpt-ad-1422003450156-2">

<script

type="text/javascript">googletag.cmd.push(function() {
googletag.display("div-gpt-ad-1422003450156-2"); });</script>

</div>

</div>

<h1>HTML Colors</h1>

<div class="w3-clear nextprev">

<
Previous

Next
>

</div>

<hr>

<p class="intro">HTML colors are specified with predefined color names, or with RGB, HEX, HSL, RGBA, or HSLA values.</p>

<hr>

<h2>Color Names</h2>

<p>In HTML, a color can be specified by using a color name:</p>

<div class="w3-row w3-center" style="margin:0 -16px;line-height:80px;color:white;">

<div class="w3-col l3 m6 w3-padding">

<div style="background-color:tomato;">Tomato</div>

</div>

<div class="w3-col l3 m6 w3-padding">

<div style="background-color:orange;">Orange</div>

</div>

<div class="w3-col l3 m6 w3-padding">

<div style="background-color:dodgerblue;">DodgerBlue</div>

</div>

<div class="w3-col l3 m6 w3-padding">

<div style="background-color:mediumseagreen;">MediumSeaGreen</div>

</div>

<div class="w3-col l3 m6 w3-padding">

<div style="background-color:gray;">Gray</div>

</div>

<div class="w3-col l3 m6 w3-padding">

<div style="background-color:slateblue;">SlateBlue</div>

</div>

<div class="w3-col l3 m6 w3-padding">

<div style="background-color:violet;">Violet</div>

```
</div>
<div class="w3-col l3 m6 w3-padding">
  <div style="background-
color:lightgray;color:#444444">LightGray</div>
</div>
</div>
<p>
<a target="_blank"
href="tryit.asp?filename=tryhtml_color_names" class="w3-btn
w3-margin-bottom">Try it Yourself »</a>
</p>
<p>HTML supports <a href="/colors/colors_names.asp">140
standard color names</a>.</p>
<hr>
```

<h2>Background Color</h2>

<p>You can set the background color for HTML elements:</p>

```
<div style="background-color:dodgerblue; text-
align:center;color:white;font-size:24px;">Hello World</div>
<br>
```

```
<div class="w3-container" style="background-
color:tomato;color:white;"><br>
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed
 diam nonummy nibh euismod tincidunt ut laoreet dolore magna
 aliquam erat volutpat.

Ut wisi enim ad minim veniam, quis nostrud exerci tation
 ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo
 consequat.


```
</div>
```

```
<div class="w3-example">
```

```
<h3>Example</h3>
```

```

<div class="w3-code notranslate htmlHigh">
  <span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributeicolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="background-
color:DodgerBlue;"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Hello
World<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;</span>p<span
class="attributeicolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="background-
color:Tomato;"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Lorem
ipsum...<span class="tagnamecolor"
style="color:brown"><span class="tagcolor"
style="color:mediumblue">&lt;</span>/p<span class="tagcolor"
style="color:mediumblue">&gt;</span></span> </div>
<br>
<a target="_blank"
href="tryit.asp?filename=tryhtml_color_background"
class="w3-btn w3-margin-bottom">Try it Yourself »</a>
</div>

```

```
<hr>
```

```
<h2>Text Color</h2>
```

```
<p>You can set the color of text:</p>
<h3 style="color:tomato">Hello World</h3>
<p style="color:dodgerblue">Lorem ipsum dolor sit amet,
consectetuer adipiscing elit, sed diam nonummy nibh euismod
tincidunt ut laoreet dolore magna aliquam erat volutpat.</p>
<p style="color:mediumseagreen">Ut wisi enim ad minim
veniam, quis nostrud exerci tation ullamcorper suscipit lobortis
nisl ut aliquip ex ea commodo consequat.</p>
```

```
<div class="w3-example">
  <h3>Example</h3>
  <div class="w3-code notranslate htmlHigh">
    <span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributeicolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="color:Tomato;"</span></span><s
pan class="tagcolor"
style="color:mediumblue">&gt;</span></span>Hello
  World<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;</span>p<span
class="attributeicolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="color:DodgerBlue;"</span></span>
><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Lorem
```

```

    ipsum...<span class="tagnamecolor"
style="color:brown"><span class="tagcolor"
style="color:mediumblue">&lt;/span>/p<span class="tagcolor"
style="color:mediumblue">&gt;/span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;/span>p<span
class="attributeicolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="color:MediumSeaGreen;"</span>
</span><span class="tagcolor"
style="color:mediumblue">&gt;/span></span>Ut wisi
    enim...<span class="tagnamecolor" style="color:brown"><span
class="tagcolor" style="color:mediumblue">&lt;/span>/p<span
class="tagcolor"
style="color:mediumblue">&gt;/span></span> </div>
<a target="_blank"
href="tryit.asp?filename=tryhtml_color_text" class="w3-btn w3-
margin-bottom">Try it Yourself »</a>
</div>

```

```

<hr>
<h2>Border Color</h2>
<p>You can set the color of borders:</p>
<h2 style="border: 2px solid Tomato;">Hello World</h2>
<h2 style="border: 2px solid DodgerBlue;">Hello World</h2>
<h2 style="border: 2px solid Violet;">Hello World</h2>

```

```

<div class="w3-example">
  <h3>Example</h3>
  <div class="w3-code notranslate htmlHigh">
    <span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;/span>h1<span

```



```

class="attributecolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="border:2px
solid Tomato;"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Hello
World<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributecolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="border:2px
solid DodgerBlue;"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Hello
World<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributecolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="border:2px
solid Violet;"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>Hello
World<span class="tagnamecolor" style="color:brown"><span
class="tagcolor"

```

```
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span> </div>
<a target="_blank"
href="tryit.asp?filename=tryhtml_color_border" class="w3-btn
w3-margin-bottom">Try it Yourself »</a>
</div>
```

```
<hr>
```

<h2>Color Values</h2>

<p>In HTML, colors can also be specified using RGB values, HEX values, HSL

values, RGBA values, and HSLA values.</p>

<p>The following three <div> elements have their background color set with RGB, HEX, and HSL values:</p>

```
<div class="w3-center" style="line-
height:60px;color:white;font-size:20px;font-weight:bold;font-
family:Consolas, "Courier New", Courier, monospace">
```

```
  <div style="background-color:rgb(255, 99, 71);margin:10px
0;">rgb(255, 99, 71)</div>
```

```
  <div style="background-color:#ff6347;margin:10px
0;">#ff6347</div>
```

```
  <div style="background-color:hsl(9, 100%, 64%);margin:10px
0;">hsl(9, 100%, 64%)</div>
```

```
</div>
```

<p>The following two <div> elements have their background color set with RGBA and HSLA values, which adds an Alpha channel to the color (here we have 50% transparency):</p>

```

<div class="w3-center" style="line-
height:60px;color:white;font-size:20px;font-weight:bold;font-
family:Consolas, "Courier New", Courier, monospace">
  <div style="background-color:rgba(255, 99, 71,
0.5);margin:10px 0;">rgba(255, 99, 71, 0.5)</div>
  <div style="background-color:hsla(9, 100%, 64%,
0.5);margin:10px 0;">hsla(9, 100%, 64%, 0.5)</div>
</div>

```

```

<div class="w3-example">
  <h3>Example</h3>
  <div class="w3-code notranslate htmlHigh">
    <span class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributeicolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="background-color:rgb(255,
99, 71);"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>...<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributeicolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="background-
color:#ff6347;"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>...<span

```

```

class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributecolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="background-color:hsl(9,
  100%, 64%);"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>...<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>h1<span
class="attributecolor" style="color:red"> style<span
class="attributevaluecolor"
style="color:mediumblue">="background-color:rgba(255,
  99, 71, 0.5);"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>...<span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span><br><span
class="tagnamecolor" style="color:brown"><span
class="tagcolor"

```

```

style="color:mediumblue">&lt;</span>h1<span
class="attribute" style="color:red"> style<span
class="attributevalue"
style="color:mediumblue">="background-color:hsla(9,
100%, 64%, 0.5);"</span></span><span class="tagcolor"
style="color:mediumblue">&gt;</span></span>...<span
class="tagname" style="color:brown"><span
class="tagcolor"
style="color:mediumblue">&lt;</span>/h1<span
class="tagcolor"
style="color:mediumblue">&gt;</span></span> </div>
<a target="_blank"
href="tryit.asp?filename=tryhtml_color_values" class="w3-btn
w3-margin-bottom">Try it Yourself »</a>
</div>

```

```

<div class="w3-note w3-panel">
<h3>Learn more about Color Values</h3>
<p>You will learn more about <a
href="html_colors_rgb.asp">RGB</a>, <a
href="html_colors_hex.asp">HEX</a> and <a
href="html_colors_hsl.asp">HSL</a> in the next chapters.</p>
</div>

```

```

<br>
<div class="w3-clear nextprev">
<a class="w3-left w3-btn" href="html_comments.asp"><
Previous</a>
<a class="w3-right w3-btn" href="html_colors_rgb.asp">Next
></a>
</div>

```

```
<div id="mypagediv2" style="position:relative;text-align:center;"></div>
<br>
```

```
</div>', 4);
```

```
--
```

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

```
--
```

```
INSERT INTO public."Egzersizler" VALUES
```

```
(4, '<p>Use CSS to set the text size to 50 pixels.</p>', '<div
id="assignmentcontainer" style="overflow:auto;padding-top:30px;">
```

```
<p style="display:none;">w3exercise_input_no_0</pre><input spellcheck="false"
class="editablesection" onkeypress="checkKey(event)"
oninput="writinginput(this, 0)" maxlength="9" style="width:
99px;">:50px;">This is a paragraph.</p>
</div>', 'font-size', 10),
```

```
(3, '<p>Insert the missing part of the code below to output
"Hello World".</p>', '<pre id="assignmentcontainer"
style="overflow:auto">
```

```
<pre class="measureInputWidth" style="display:
none;">w3exercise_input_no_0</pre><input spellcheck="false"
class="editablesection" onkeypress="checkKey(event)"
oninput="writinginput(this, 0)" maxlength="5" style="width:
55px;"> "Hello World";
</pre>', 'echo', 10);
```

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

```
--  
  
INSERT INTO public."Erisimler" VALUES
```

```
(1, 1, '2012-01-14', '88.123.43.21'),  
(2, 1, '2012-02-21', '88.123.42.11'),  
(3, 2, '2012-04-23', '43.124.54.23'),  
(4, 2, '2012-06-23', '43.43.21.126'),  
(5, 3, '2013-05-21', '54.65.231.56'),  
(6, 3, '2014-06-12', '25.224.12.54'),  
(7, 4, '2014-11-15', '54.111.32.43'),  
(8, 4, '2015-12-12', '125.23.43.54'),  
(9, 5, '2014-01-12', '43.76.45.34'),  
(10, 5, '2014-09-11', '123.44.32.12');
```

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

```
--  
  
INSERT INTO public."Fotograflar" VALUES
```

```
(1, 1024, 512, '/images/tshirt.jpg');
```

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

```
--  
  
INSERT INTO public."KullaniciTipleri" VALUES
```

```
(1, 'yonetici'),  
(2, 'yazar'),  
(3, 'okuyucu');
```

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

```
INSERT INTO public."Kullanicilar" VALUES  
  (1, 1, 'admin@w3schools.com', '123123', '2012-01-14'),  
  (2, 2, 'yazar1@w3schools.com', 'asdqwe', '2012-04-23'),  
  (3, 2, 'yazar2@w3schools.com', 'sifre123', '2013-05-21'),  
  (4, 3, 'ahmet@gmail.com', 'ahmet', '2014-11-15'),  
  (5, 3, 'can@hotmail.com', 'can123', '2014-01-12');
```

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

```
INSERT INTO public."Okuyucular" VALUES  
  (4, 0, 0, 0),  
  (5, 120, 32, 41);
```

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



```
INSERT INTO public."Ornekler" VALUES
```

```
(7, '<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p id="demo">Click the button to display the cookies associated  
with this document.</p>
```

```
<button onclick="myFunction()">Try it</button>
```

```
<script>
```

```
function myFunction() {
```

```
    document.getElementById("demo").innerHTML =
```

```
    "Cookies associated with this document: " + document.cookie;
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

```
,
```

```
'https://www.w3schools.com/js/tryit.asp?filename=tryjs_doc_co  
okie'),
```

```
(6, '<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <title>Bootstrap Example</title>
```

```
    <meta charset="utf-8">
```

```
    <meta name="viewport" content="width=device-width, initial-  
scale=1">
```

```
    <link rel="stylesheet"
```

```
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/boot  
strap.min.css">
```

```
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.mi
n.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstr
ap.min.js"></script>
</head>
<body>
```

```
<div class="container-fluid">
  <h1>My First Bootstrap Page</h1>
  <p>This part is inside a .container-fluid class.</p>
  <p>The .container-fluid class provides a full width container,
spanning the entire width of the viewport.</p>
</div>
```

```
</body>
</html>
```

```
',
'https://www.w3schools.com/bootstrap/tryit.asp?filename=trybs
_gs_container-fluid&stacked=h');
```

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

```
INSERT INTO public."QuizBasliklari" VALUES
(1, 'HTML'),
(2, 'CSS'),
(3, 'C++');
```

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

```
INSERT INTO public."Quizler" VALUES  
    (5, 1, 'What does HTML stand for?', 'Hyperlinks and Text  
Markup Language', 'Home Tool Markup Language', 'Hyper Text  
Markup Language', 'c', 5);
```

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

```
INSERT INTO public."SayfaGuncellemeleri" VALUES  
    (1, 3, 2, '2016-05-12', 'Bazi eklemeler yapildi.'),  
    (2, 2, 3, '2016-06-12', 'Yanlışlıklar düzeltildi.'),  
    (3, 2, 4, '2016-07-12', 'Duzeltmeler yapildi.'),  
    (4, 3, 4, '2016-08-16', 'Yanlisliklar duzeltildi.'),  
    (5, 3, 7, '2016-03-03', 'Duzeltmeler yapildi.'),  
    (6, 3, 8, '2016-05-05', 'Bazi degisiklikler yapildi.');
```

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

```
INSERT INTO public."SayfaTipleri" VALUES
```

```
(1, 'egitim'),  
(2, 'egzersiz'),  
(3, 'quiz'),  
(4, 'ornek'),  
(5, 'diger');
```

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

```
INSERT INTO public."SayfaYetkileri" VALUES  
  (1, 2, 1),  
  (2, 2, 2),  
  (3, 3, 3),  
  (4, 3, 4),  
  (5, 2, 5);
```

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

```
INSERT INTO public."Sayfalar" VALUES  
  (1, 1, 2, '2016-12-23', '2016-12-23', 0, false),  
  (2, 1, 3, '2016-01-12', '2016-05-12', 12, true),  
  (3, 2, 2, '2016-05-16', '2016-06-12', 120, true),  
  (4, 2, 3, '2016-06-12', '2016-08-16', 111, true),  
  (5, 3, 2, '2016-04-12', '2016-04-12', 0, false),  
  (6, 4, 2, '2016-01-01', '2016-01-01', 11, true),  
  (7, 4, 3, '2016-01-01', '2016-03-03', 0, false),
```

```
(8, 5, 2, '2016-03-05', '2016-05-05', 12, true),  
(9, 5, 3, '2016-06-06', '2016-06-06', 0, false);
```

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

```
INSERT INTO public."SertifikaAlimlari" VALUES  
    (1, 4, 2, true, '2017-01-01', 86, false),  
    (2, 5, 1, false, '2017-01-06', 60, true);
```

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

```
INSERT INTO public."Sertifikalar" VALUES  
    (1, 'HTML', '$90.00', 70),  
    (2, 'SQL', '$80.00', 80);
```

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

```
INSERT INTO public."YapilanEgitimler" VALUES  
    (1, 4, 1);
```

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

```
--  
  
INSERT INTO public."YapilanEgzersizler" VALUES  
    (1, 5, 4);
```

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

```
--  
  
INSERT INTO public."YapilanQuizler" VALUES  
    (1, 4, 1),  
    (2, 5, 1);
```

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

```
--  
  
INSERT INTO public."Yazarlar" VALUES  
    (2),  
    (3);
```

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

```
INSERT INTO public."Yetkiler" VALUES
    (1, 'sayfa-guncelleme', true, true, false, false),
    (2, 'site-goruntuleme', true, true, true, true),
    (3, 'yazi-ekleme', true, true, false, false);
```

```
--
```

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

```
--
```

```
INSERT INTO public."Yoneticiler" VALUES
    (1);
```

```
--
```

```
-- Name: Afisler_afisNo_seq; Type: SEQUENCE SET; Schema:
public; Owner: postgres
```

```
--
```

```
SELECT pg_catalog.setval('public."Afisler_afisNo_seq"', 3,
true);
```

```
--
```

```
-- Name: Ayarlar_ayarNo_seq; Type: SEQUENCE SET;
Schema: public; Owner: postgres
```

```
--
```

```
SELECT pg_catalog.setval('public."Ayarlar_ayarNo_seq"', 2,
true);
```

```
--  
-- Name: Digerler_sayfaNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT pg_catalog.setval('public."Digerler_sayfaNo_seq"', 1,  
false);
```

```
--  
-- Name: Egitimler_sayfaNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT pg_catalog.setval('public."Egitimler_sayfaNo_seq"', 1,  
false);
```

```
--  
-- Name: Egzersizler_sayfaNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT pg_catalog.setval('public."Egzersizler_sayfaNo_seq"',  
1, false);
```

```
--  
-- Name: Erisimler_erisenKullanici_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres  
--
```



```
SELECT  
pg_catalog.setval('public."Erisimler_erisenKullanici_seq"', 1,  
false);
```

```
--  
-- Name: Erisimler_erisimNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT pg_catalog.setval('public."Erisimler_erisimNo_seq"',  
10, true);
```

```
--  
-- Name: Fotograflar_fotografNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."Fotograflar_fotografNo_seq"', 1,  
true);
```

```
--  
-- Name: KullaniciTipleri_tipNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."KullaniciTipleri_tipNo_seq"', 3, true);
```

```
--  
-- Name: Kullanicilar_kullaniciNo_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."Kullanicilar_kullaniciNo_seq"', 5,  
true);
```

```
--  
-- Name: Kullanicilar_kullaniciTipi_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."Kullanicilar_kullaniciTipi_seq"', 1,  
false);
```

```
--  
-- Name: Okuyucular_kullaniciNo_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."Okuyucular_kullaniciNo_seq"', 1,  
false);
```

```
--  
-- Name: Ornekler_sayfaNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres
```

--

```
SELECT pg_catalog.setval('public."Ornekler_sayfaNo_seq"', 1,  
false);
```

--

```
-- Name: QuizBasliklari_baslikNo_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres
```

--

```
SELECT  
pg_catalog.setval('public."QuizBasliklari_baslikNo_seq"', 3,  
true);
```

--

```
-- Name: Quizler_baslik_seq; Type: SEQUENCE SET; Schema:  
public; Owner: postgres
```

--

```
SELECT pg_catalog.setval('public."Quizler_baslik_seq"', 1,  
false);
```

--

```
-- Name: Quizler_sayfaNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres
```

--

```
SELECT pg_catalog.setval('public."Quizler_sayfaNo_seq"', 1,  
false);
```

```
--  
-- Name: SayfaGuncellemeleri_guncellemeNo_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."SayfaGuncellemeleri_guncellemeNo_  
seq"', 6, true);
```

```
--  
-- Name: SayfaGuncellemeleri_guncellenenSayfa_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."SayfaGuncellemeleri_guncellenenSay  
fa_seq"', 1, false);
```

```
--  
-- Name: SayfaGuncellemeleri_guncelleyenYazar_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."SayfaGuncellemeleri_guncelleyenYaz  
ar_seq"', 1, false);
```

```
--
```

```
-- Name: SayfaTipleri_tipNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres
```

```
--
```

```
SELECT pg_catalog.setval('public."SayfaTipleri_tipNo_seq"', 5,  
true);
```

```
--
```

```
-- Name: SayfaYetkileri_sayfaYetkisiNo_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres
```

```
--
```

```
SELECT  
pg_catalog.setval('public."SayfaYetkileri_sayfaYetkisiNo_seq"',  
5, true);
```

```
--
```

```
-- Name: SayfaYetkileri_yetkiliOlunanSayfaTipi_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres
```

```
--
```

```
SELECT  
pg_catalog.setval('public."SayfaYetkileri_yetkiliOlunanSayfaTi  
pi_seq"', 1, false);
```

```
--
```

```
-- Name: SayfaYetkileri_yetkiliYazar_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres
```

```
--
```

```
SELECT  
pg_catalog.setval('public."SayfaYetkileri_yetkiliYazar_seq"', 1,  
false);
```

```
--  
-- Name: Sayfalar_olusturanYazar_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."Sayfalar_olusturanYazar_seq"', 1,  
false);
```

```
--  
-- Name: Sayfalar_sayfaNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT pg_catalog.setval('public."Sayfalar_sayfaNo_seq"', 9,  
true);
```

```
--  
-- Name: Sayfalar_sayfaTipi_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres  
--
```

```
SELECT pg_catalog.setval('public."Sayfalar_sayfaTipi_seq"', 1,  
false);
```

```
--  
-- Name: SertifikaAlimlari_alanKullanici_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres
```

```
--  
  
SELECT  
pg_catalog.setval('public."SertifikaAlimlari_alanKullanici_seq",  
1, false);
```

```
--  
-- Name: SertifikaAlimlari_alimNo_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres
```

```
--  
  
SELECT  
pg_catalog.setval('public."SertifikaAlimlari_alimNo_seq", 2,  
true);
```

```
--  
-- Name: SertifikaAlimlari_alinanSertifika_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres
```

```
--  
  
SELECT  
pg_catalog.setval('public."SertifikaAlimlari_alinanSertifika_seq",  
1, false);
```

```
--  
-- Name: Sertifikalar_sertifikaNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres
```

--

SELECT

pg_catalog.setval('public."Sertifikalar_sertifikaNo_seq"', 2,
true);

--

-- Name: YapilanEgitimler_yapanKullanici_seq; Type:
SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT

pg_catalog.setval('public."YapilanEgitimler_yapanKullanici_seq"', 1, false);

--

-- Name: YapilanEgitimler_yapilanEgitimNo_seq; Type:
SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT

pg_catalog.setval('public."YapilanEgitimler_yapilanEgitimNo_seq"', 1, true);

--

-- Name: YapilanEgitimler_yapilanEgitim_seq; Type:
SEQUENCE SET; Schema: public; Owner: postgres

--


```
SELECT
pg_catalog.setval('public."YapilanEgitimler_yapilanEgitim_seq"
', 1, false);
```

```
--
-- Name: YapilanEgzersizler_yapanKullanici_seq; Type:
SEQUENCE SET; Schema: public; Owner: postgres
--
```

```
SELECT
pg_catalog.setval('public."YapilanEgzersizler_yapanKullanici_s
eq"', 1, false);
```

```
--
-- Name: YapilanEgzersizler_yapilanEgzersizNo_seq; Type:
SEQUENCE SET; Schema: public; Owner: postgres
--
```

```
SELECT
pg_catalog.setval('public."YapilanEgzersizler_yapilanEgzersizN
o_seq"', 1, true);
```

```
--
-- Name: YapilanEgzersizler_yapilanEgzersiz_seq; Type:
SEQUENCE SET; Schema: public; Owner: postgres
--
```

```
SELECT
pg_catalog.setval('public."YapilanEgzersizler_yapilanEgzersiz_s
eq"', 1, false);
```

```
--  
-- Name: YapilanQuizler_yapanKullanici_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."YapilanQuizler_yapanKullanici_seq"',  
1, false);
```

```
--  
-- Name: YapilanQuizler_yapilanQuizNo_seq; Type:  
SEQUENCE SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."YapilanQuizler_yapilanQuizNo_seq"',  
2, true);
```

```
--  
-- Name: YapilanQuizler_yapilanQuiz_seq; Type: SEQUENCE  
SET; Schema: public; Owner: postgres  
--
```

```
SELECT  
pg_catalog.setval('public."YapilanQuizler_yapilanQuiz_seq"', 1,  
false);
```

```
--
```

```
-- Name: Yazarlar_kullaniciNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres
```

```
--
```

```
SELECT pg_catalog.setval('public."Yazarlar_kullaniciNo_seq"',  
2, true);
```

```
--
```

```
-- Name: Yetkiler_yetkiNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres
```

```
--
```

```
SELECT pg_catalog.setval('public."Yetkiler_yetkiNo_seq"', 3,  
true);
```

```
--
```

```
-- Name: Yoneticiler_kullaniciNo_seq; Type: SEQUENCE SET;  
Schema: public; Owner: postgres
```

```
--
```

```
SELECT  
pg_catalog.setval('public."Yoneticiler_kullaniciNo_seq"', 1,  
false);
```

```
--
```

```
-- Name: Okuyucular OkuyucularPK; Type: CONSTRAINT;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Okuyucular"
```

```
ADD CONSTRAINT "OkuyucularPK" PRIMARY KEY
("kullaniciNo");
```

```
--
-- Name: Yazarlar YazarlarPK; Type: CONSTRAINT; Schema:
public; Owner: postgres
--
```

```
ALTER TABLE ONLY public."Yazarlar"
ADD CONSTRAINT "YazarlarPK" PRIMARY KEY
("kullaniciNo");
```

```
--
-- Name: Yoneticiler YoneticilerPK; Type: CONSTRAINT;
Schema: public; Owner: postgres
--
```

```
ALTER TABLE ONLY public."Yoneticiler"
ADD CONSTRAINT "YoneticilerPK" PRIMARY KEY
("kullaniciNo");
```

```
--
-- Name: Afisler afislerPK; Type: CONSTRAINT; Schema:
public; Owner: postgres
--
```

```
ALTER TABLE ONLY public."Afisler"
ADD CONSTRAINT "afislerPK" PRIMARY KEY
("afisNo");
```

```
--  
-- Name: Ayarlar ayarlarPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Ayarlar"  
  ADD CONSTRAINT "ayarlarPK" PRIMARY KEY  
("ayarNo");
```

```
--
```

```
-- Name: Ayarlar ayarlarUnique; Type: CONSTRAINT;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Ayarlar"  
  ADD CONSTRAINT "ayarlarUnique" UNIQUE (ayar);
```

```
--
```

```
-- Name: Digerler digerlerPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Digerler"  
  ADD CONSTRAINT "digerlerPK" PRIMARY KEY  
("sayfaNo");
```

```
--
```

```
-- Name: Egitimler egitimPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres
```

--

```
ALTER TABLE ONLY public."Egitimler"  
  ADD CONSTRAINT "egitimPK" PRIMARY KEY  
  ("sayfaNo");
```

--

```
-- Name: Egzersizler egzersizPK; Type: CONSTRAINT;  
Schema: public; Owner: postgres
```

--

```
ALTER TABLE ONLY public."Egzersizler"  
  ADD CONSTRAINT "egzersizPK" PRIMARY KEY  
  ("sayfaNo");
```

--

```
-- Name: Egzersizler egzersizlerUnique; Type: CONSTRAINT;  
Schema: public; Owner: postgres
```

--

```
ALTER TABLE ONLY public."Egzersizler"  
  ADD CONSTRAINT "egzersizlerUnique" UNIQUE (soru);
```

--

```
-- Name: Erisimler erisimlerPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres
```

--

```
ALTER TABLE ONLY public."Erisimler"
```

```
ADD CONSTRAINT "erisimlerPK" PRIMARY KEY
("erisimNo");
```

```
--
-- Name: Fotograflar fotograflarPK; Type: CONSTRAINT;
Schema: public; Owner: postgres
--
```

```
ALTER TABLE ONLY public."Fotograflar"
ADD CONSTRAINT "fotograflarPK" PRIMARY KEY
("fotografNo");
```

```
--
-- Name: Fotograflar fotograflarUnique; Type: CONSTRAINT;
Schema: public; Owner: postgres
--
```

```
ALTER TABLE ONLY public."Fotograflar"
ADD CONSTRAINT "fotograflarUnique" UNIQUE
("dosyaYolu");
```

```
--
-- Name: KullaniciTipleri kullaniciTipleriPK; Type:
CONSTRAINT; Schema: public; Owner: postgres
--
```

```
ALTER TABLE ONLY public."KullaniciTipleri"
ADD CONSTRAINT "kullaniciTipleriPK" PRIMARY KEY
("tipNo");
```

```
--  
-- Name: KullaniciTipleri kullaniciTipleriUnique; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."KullaniciTipleri"  
  ADD CONSTRAINT "kullaniciTipleriUnique" UNIQUE  
  ("tipAdi");
```

```
--  
-- Name: Kullanicilar kullanicilarPK; Type: CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Kullanicilar"  
  ADD CONSTRAINT "kullanicilarPK" PRIMARY KEY  
  ("kullaniciNo");
```

```
--  
-- Name: Kullanicilar kullanicilarUnique; Type: CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Kullanicilar"  
  ADD CONSTRAINT "kullanicilarUnique" UNIQUE  
  (eposta);
```

```
--
```



```
-- Name: Ornekler orneklerPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Ornekler"  
    ADD CONSTRAINT "orneklerPK" PRIMARY KEY  
("sayfaNo");
```

```
--
```

```
-- Name: Ornekler orneklerUnique; Type: CONSTRAINT;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Ornekler"  
    ADD CONSTRAINT "orneklerUnique" UNIQUE (link);
```

```
--
```

```
-- Name: QuizBasliklari quizBasliklariPK; Type:  
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."QuizBasliklari"  
    ADD CONSTRAINT "quizBasliklariPK" PRIMARY KEY  
("baslikNo");
```

```
--
```

```
-- Name: QuizBasliklari quizBasliklariUnique; Type:  
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."QuizBasliklari"  
    ADD CONSTRAINT "quizBasliklariUnique" UNIQUE  
(baslik);
```

```
--  
-- Name: Quizler quizPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Quizler"  
    ADD CONSTRAINT "quizPK" PRIMARY KEY  
("sayfaNo");
```

```
--  
-- Name: SayfaGuncellemeleri sayfaGuncellemeleriPK; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SayfaGuncellemeleri"  
    ADD CONSTRAINT "sayfaGuncellemeleriPK" PRIMARY  
KEY ("guncellemeNo");
```

```
--  
-- Name: SayfaTipleri sayfaTipleriPK; Type: CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SayfaTipleri"  
    ADD CONSTRAINT "sayfaTipleriPK" PRIMARY KEY  
("tipNo");
```

```
--  
-- Name: SayfaTipleri sayfaTipleriUnique; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SayfaTipleri"  
    ADD CONSTRAINT "sayfaTipleriUnique" UNIQUE  
    ("tipAdi");
```

```
--  
-- Name: SayfaYetkileri sayfaYetkileriPK; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SayfaYetkileri"  
    ADD CONSTRAINT "sayfaYetkileriPK" PRIMARY KEY  
    ("sayfaYetkisiNo");
```

```
--  
-- Name: Sayfalar sayfalarPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Sayfalar"  
    ADD CONSTRAINT "sayfalarPK" PRIMARY KEY  
    ("sayfaNo");
```

```
--
```

```
-- Name: SertifikaAlimlari sertifikaAlimlariPK; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."SertifikaAlimlari"  
    ADD CONSTRAINT "sertifikaAlimlariPK" PRIMARY KEY  
    ("alimNo");
```

```
--  
-- Name: Sertifikalar sertifikalarPK; Type: CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Sertifikalar"  
    ADD CONSTRAINT "sertifikalarPK" PRIMARY KEY  
    ("sertifikaNo");
```

```
--  
-- Name: Sertifikalar sertifikalarUnique; Type: CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Sertifikalar"  
    ADD CONSTRAINT "sertifikalarUnique" UNIQUE (ad);
```

```
--  
-- Name: YapilanEgitimler yapilanEgitimlerPK; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanEgitimler"  
    ADD CONSTRAINT "yapilanEgitimlerPK" PRIMARY KEY  
    ("yapilanEgitimNo");
```

```
--  
-- Name: YapilanEgzersizler yapilanEgzersizlerPK; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanEgzersizler"  
    ADD CONSTRAINT "yapilanEgzersizlerPK" PRIMARY  
KEY ("yapilanEgzersizNo");
```

```
--  
-- Name: YapilanQuizler yapilanQuizlerPK; Type:  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."YapilanQuizler"  
    ADD CONSTRAINT "yapilanQuizlerPK" PRIMARY KEY  
    ("yapilanQuizNo");
```

```
--  
-- Name: Yetkiler yetkilerPK; Type: CONSTRAINT; Schema:  
public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Yetkiler"  
    ADD CONSTRAINT "yetkilerPK" PRIMARY KEY  
    ("yetkiNo");
```

```
--  
-- Name: Yetkiler yetkilerUnique; Type: CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Yetkiler"  
    ADD CONSTRAINT "yetkilerUnique" UNIQUE (yetki);
```

```
--  
-- Name: Digerler DigerSayfalari; Type: FK CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Digerler"  
    ADD CONSTRAINT "DigerSayfalari" FOREIGN KEY  
("sayfaNo") REFERENCES public."Sayfalar"("sayfaNo") ON  
UPDATE CASCADE ON DELETE CASCADE;
```

```
--  
-- Name: Egitimler EgitimSayfalari; Type: FK CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Egitimler"  
    ADD CONSTRAINT "EgitimSayfalari" FOREIGN KEY  
("sayfaNo") REFERENCES public."Sayfalar"("sayfaNo") ON  
UPDATE CASCADE ON DELETE CASCADE;
```

--

-- Name: Egzersizler EgzersizSayfalari; Type: FK
CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."Egzersizler"

ADD CONSTRAINT "EgzersizSayfalari" FOREIGN KEY
("sayfaNo") REFERENCES public."Sayfalar"("sayfaNo") ON
UPDATE CASCADE ON DELETE CASCADE;

--

-- Name: Okuyucular OkuyucuKullanici; Type: FK
CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."Okuyucular"

ADD CONSTRAINT "OkuyucuKullanici" FOREIGN KEY
("kullaniciNo") REFERENCES
public."Kullanici"("kullaniciNo") ON UPDATE CASCADE
ON DELETE CASCADE;

--

-- Name: Ornekler OrnekSayfalari; Type: FK CONSTRAINT;
Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."Ornekler"

ADD CONSTRAINT "OrnekSayfalari" FOREIGN KEY
("sayfaNo") REFERENCES public."Sayfalar"("sayfaNo") ON
UPDATE CASCADE ON DELETE CASCADE;

```
--  
-- Name: Quizler QuizSayfalari; Type: FK CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Quizler"  
  ADD CONSTRAINT "QuizSayfalari" FOREIGN KEY  
  ("sayfaNo") REFERENCES public."Sayfalar"("sayfaNo") ON  
  UPDATE CASCADE ON DELETE CASCADE;
```

```
--  
-- Name: Yazarlar YazarKullanici; Type: FK CONSTRAINT;  
Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Yazarlar"  
  ADD CONSTRAINT "YazarKullanici" FOREIGN KEY  
  ("kullaniciNo") REFERENCES  
  public."Kullanicilar"("kullaniciNo") ON UPDATE CASCADE  
  ON DELETE CASCADE;
```

```
--  
-- Name: Yoneticiler Yoneticikullanici; Type: FK  
CONSTRAINT; Schema: public; Owner: postgres  
--
```

```
ALTER TABLE ONLY public."Yoneticiler"  
  ADD CONSTRAINT "Yoneticikullanici" FOREIGN KEY  
  ("kullaniciNo") REFERENCES
```



```
public."KullaniciIcar"("kullaniciNo") ON UPDATE CASCADE  
ON DELETE CASCADE;
```

```
--
```

```
-- Name: Erisimler erisimlerFK; Type: FK CONSTRAINT;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Erisimler"  
    ADD CONSTRAINT "erisimlerFK" FOREIGN KEY  
("erisenKullanici") REFERENCES  
public."KullaniciIcar"("kullaniciNo");
```

```
--
```

```
-- Name: KullaniciIcar kullaniciIcarFK; Type: FK CONSTRAINT;  
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."KullaniciIcar"  
    ADD CONSTRAINT "kullaniciIcarFK" FOREIGN KEY  
("kullaniciTipi") REFERENCES  
public."KullaniciTipileri"("tipNo");
```

```
--
```

```
-- Name: Quizler quizFK; Type: FK CONSTRAINT; Schema:  
public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Quizler"
```

```
ADD CONSTRAINT "quizFK" FOREIGN KEY (baslik)
REFERENCES public."QuizBasliklari"("baslikNo");
```

```
--
```

```
-- Name: SayfaGuncellemeleri sayfaGuncellemeleriFK1; Type:
FK CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaGuncellemeleri"
ADD CONSTRAINT "sayfaGuncellemeleriFK1" FOREIGN
KEY ("guncelleyenYazar") REFERENCES
public."Yazarlar"("kullaniciNo");
```

```
--
```

```
-- Name: SayfaGuncellemeleri sayfaGuncellemeleriFK2; Type:
FK CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaGuncellemeleri"
ADD CONSTRAINT "sayfaGuncellemeleriFK2" FOREIGN
KEY ("guncellenenSayfa") REFERENCES
public."Sayfalar"("sayfaNo");
```

```
--
```

```
-- Name: SayfaYetkileri sayfaYetkileriFK1; Type: FK
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaYetkileri"
```

```
ADD CONSTRAINT "sayfaYetkileriFK1" FOREIGN KEY
("yetkiliYazar") REFERENCES
public."Yazarlar"("kullaniciNo");
```

```
--
```

```
-- Name: SayfaYetkileri sayfaYetkileriFK2; Type: FK
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SayfaYetkileri"
ADD CONSTRAINT "sayfaYetkileriFK2" FOREIGN KEY
("yetkiliOlunanSayfaTipi") REFERENCES
public."SayfaTipleri"("tipNo");
```

```
--
```

```
-- Name: Sayfalar sayfalarFK1; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Sayfalar"
ADD CONSTRAINT "sayfalarFK1" FOREIGN KEY
("sayfaTipi") REFERENCES public."SayfaTipleri"("tipNo");
```

```
--
```

```
-- Name: Sayfalar sayfalarFK2; Type: FK CONSTRAINT;
Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."Sayfalar"
```

```
ADD CONSTRAINT "sayfalarFK2" FOREIGN KEY
("olusturanYazar") REFERENCES
public."Yazarlar"("kullaniciNo");
```

```
--
```

```
-- Name: SertifikaAlimlari sertifikaAlimlariFK1; Type: FK
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SertifikaAlimlari"
ADD CONSTRAINT "sertifikaAlimlariFK1" FOREIGN
KEY ("alanKullanici") REFERENCES
public."Okuyucular"("kullaniciNo");
```

```
--
```

```
-- Name: SertifikaAlimlari sertifikaAlimlariFK2; Type: FK
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."SertifikaAlimlari"
ADD CONSTRAINT "sertifikaAlimlariFK2" FOREIGN
KEY ("alananSertifika") REFERENCES
public."Sertifikalar"("sertifikaNo");
```

```
--
```

```
-- Name: YapilanEgitimler yapilanEgitimlerFK1; Type: FK
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanEgitimler"
```

```
ADD CONSTRAINT "yapilanEgitimlerFK1" FOREIGN  
KEY ("yapanKullanici") REFERENCES  
public."Okuyucular"("kullaniciNo");
```

```
--
```

```
-- Name: YapilanEgitimler yapilanEgitimlerFK2; Type: FK  
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanEgitimler"  
ADD CONSTRAINT "yapilanEgitimlerFK2" FOREIGN  
KEY ("yapilanEgitim") REFERENCES  
public."Egitimler"("sayfaNo");
```

```
--
```

```
-- Name: YapilanEgzersizler yapilanEgzersizlerFK1; Type: FK  
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanEgzersizler"  
ADD CONSTRAINT "yapilanEgzersizlerFK1" FOREIGN  
KEY ("yapanKullanici") REFERENCES  
public."Okuyucular"("kullaniciNo");
```

```
--
```

```
-- Name: YapilanEgzersizler yapilanEgzersizlerFK2; Type: FK  
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanEgzersizler"
```

```
    ADD CONSTRAINT "yapilanEgzersizlerFK2" FOREIGN  
KEY ("yapilanEgzersiz") REFERENCES  
public."Egzersizler"("sayfaNo");
```

```
--
```

```
-- Name: YapilanQuizler yapilanQuizlerFK1; Type: FK  
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanQuizler"  
    ADD CONSTRAINT "yapilanQuizlerFK1" FOREIGN KEY  
("yapanKullanici") REFERENCES  
public."Okuyucular"("kullaniciNo");
```

```
--
```

```
-- Name: YapilanQuizler yapilanQuizlerFK2; Type: FK  
CONSTRAINT; Schema: public; Owner: postgres
```

```
--
```

```
ALTER TABLE ONLY public."YapilanQuizler"  
    ADD CONSTRAINT "yapilanQuizlerFK2" FOREIGN KEY  
("yapilanQuiz") REFERENCES  
public."QuizBasliklari"("baslikNo");
```

```
--
```

```
-- PostgreSQL database dump complete
```

```
--
```