**Green Pages Database**

**-- Drop and create commands for the database need to be executed outside of this script.**

**-- Use a PostgreSQL client tool to execute them.**

**-- DROP DATABASE IF EXISTS db\_sql\_tutorial;**

**-- CREATE DATABASE db\_sql\_tutorial;**

**-- Connect to the database using \c db\_sql\_tutorial;**

**---**

**customers table**

**-- create table customers**

**DROP TABLE IF EXISTS customers;**

**CREATE TABLE customers (**

**customer\_id SERIAL PRIMARY KEY,**

**first\_name VARCHAR(50) NOT NULL,**

**last\_name VARCHAR(50) NOT NULL,**

**country VARCHAR(50),**

**score INTEGER**

**);**

**-- Insert customers data**

**INSERT INTO customers (customer\_id, first\_name, last\_name, country, score) VALUES**

**(1,'Maria', 'Cramer', 'Germany',350),**

**(2,'John','Steel','USA', 900),**

**(3,'Georg','Pipps', 'UK', 750),**

**(4,'Martin','Müller','Germany', 500),**

**(5,'Peter','Franken','USA', NULL);**

**orders table**

**-- create table orders**

**DROP TABLE IF EXISTS orders;**

**CREATE TABLE orders (**

**order\_id SERIAL PRIMARY KEY,**

**customer\_id INTEGER NOT NULL,**

**order\_date DATE,**

**quantity INTEGER**

**);**

**-- Insert orders data**

**INSERT INTO orders (order\_id, customer\_id, order\_date, quantity) VALUES**

**(1001,1,'2021-01-11',250),**

**(1002,2,'2021-04-05',1150),**

**(1003,3,'2021-06-18',500),**

**(1004,6,'2021-08-31',750);**

**employees table**

**-- create table employees**

**DROP TABLE IF EXISTS employees;**

**CREATE TABLE employees (**

**emp\_id SERIAL PRIMARY KEY,**

**first\_name VARCHAR(50) NOT NULL,**

**last\_name VARCHAR(50) NOT NULL,**

**emp\_country VARCHAR(50),**

**salary INTEGER**

**);**

**-- Insert employees data**

**INSERT INTO employees (emp\_id, first\_name, last\_name, emp\_country, salary) VALUES**

**(1,'John', 'Steel', 'USA', 55000),**

**(2,'Ann', 'Labrune', 'France', 75000),**

**(3,'Marie', 'Bertrand', 'Brazil', 75000),**

**(4,'Georg', 'Afonso', 'UK', 75000),**

**(5,'Marie', 'Steel', 'UK', 75000);**

**Orange Pages Database**

**Person table:**

CREATE TABLE person

(

ssn char(9),

isim varchar(50),

soyisim varchar(50),

adres varchar(50)

);

INSERT INTO person VALUES(123456789, 'Ali','Can', 'Istanbul');

INSERT INTO person VALUES(234567890, 'Veli','Cem', 'Ankara');

INSERT INTO person VALUES(345678901, 'Mine','Bulut', 'Ankara');

INSERT INTO person VALUES(256789012, 'Mahmut','Bulut', 'Istanbul');

INSERT INTO person VALUES (344678901, 'Mine','Yasa', 'Ankara');

INSERT INTO person VALUES (345678901, 'Veli','Yilmaz', 'Istanbul');

INSERT INTO person VALUES(256789018, 'Samet','Bulut', 'Izmir');

INSERT INTO person VALUES(256789013, 'Veli','Cem', 'Bursa');

INSERT INTO person VALUES(256789010, 'Samet','Bulut', 'Ankara');

SELECT \* FROM person;

calisanlar4 table:

CREATE TABLE calisanlar4 (

id INT UNIQUE,

isim VARCHAR(50),

sehir VARCHAR(50),

maas INT,

isyeri VARCHAR(20)

);

INSERT INTO calisanlar4 VALUES(123456789, 'Ali Seker', 'Istanbul', 2500, 'Vakko');

INSERT INTO calisanlar4 VALUES(234567890, 'Ayse Gul', 'Istanbul', 1500, 'LCWaikiki');

INSERT INTO calisanlar4 VALUES(345678901, null, 'Ankara', 3000, 'Vakko');

INSERT INTO calisanlar4 VALUES(456789012, 'Veli Yilmaz', 'Izmir', 1000, 'Pierre Cardin');

INSERT INTO calisanlar4 VALUES(567890123, 'Veli Yilmaz', 'Ankara', 7000, 'Adidas');

INSERT INTO calisanlar4 VALUES(678901234, 'Ayse Gul', 'Ankara', 1500, 'Pierre Cardin');

INSERT INTO calisanlar4 VALUES(789012345, 'Fatma Yasa', null, 2500, 'Vakko');

INSERT INTO calisanlar4 VALUES(890123456, null, 'Bursa', 2500, 'Vakko');

INSERT INTO calisanlar4 VALUES(901234567, 'Ali Han', null, 2500, 'Vakko');

SELECT \* FROM calisanlar4;

calisanlar table:

CREATE TABLE calisanlar(

id char(5) PRIMARY KEY, --not null ve unique oldu,satırları tanımlamak ve başka bir tablo ile ilişkilendirmek için

isim varchar(50) UNIQUE,

maas int NOT NULL,

ise\_baslama date

); --parent/referenced(referans alınan)

INSERT INTO calisanlar VALUES('10002', 'Donatello' ,12000, '2018-04-14'); --başarılı

INSERT INTO calisanlar VALUES('10003', null, 5000, '2018-04-14'); --başarılı

--unique:NULL kabul eder

INSERT INTO calisanlar VALUES('10004', 'Donatello', 5000, '2018-04-14'); --Hata: name:unique cunku.

--Donatello iki defa gonderilemez

INSERT INTO calisanlar VALUES('10005', 'Michelangelo', 5000, '2018-04-14'); --başarılı

INSERT INTO calisanlar VALUES('10006', 'Leonardo', null, '2019-04-12'); --Hata, maas:NOT NULL cunku

INSERT INTO calisanlar VALUES('10007', 'Raphael', '', '2018-04-14'); --Hata,maas:INT bekliyor, biz bos string gonderdik

INSERT INTO calisanlar VALUES('', 'April', 2000, '2018-04-14'); --id:CHAR empty kabul eder

INSERT INTO calisanlar VALUES('', 'Ms.April', 2000, '2018-04-14'); --Hata,PK:unique yani ikinci ‘’ empty gonderemeyiz

INSERT INTO calisanlar VALUES('10002', 'Splinter', 12000, '2018-04-14'); —Hata,PK:unique, 10002 daha once yuklenmisti

INSERT INTO calisanlar VALUES(null, 'Fred', 12000, '2018-04-14'); --Hata,PK:NOT NULL,PK null kabul etmez

INSERT INTO calisanlar VALUES('10008', 'Barnie', 10000, '2018-04-14'); --başarılı

INSERT INTO calisanlar VALUES('10009', 'Wilma', 11000, '2018-04-14'); --başarılı

INSERT INTO calisanlar VALUES('10010', 'Betty' ,12000, '2018-04-14'); --başarılı

adresler table:

CREATE TABLE adresler(

adres\_id char(5),

sokak varchar(30),

cadde varchar(30),

sehir varchar(20),

FOREIGN KEY(adres\_id) REFERENCES calisanlar(id)

); —child

INSERT INTO adresler VALUES('10003','Ninja Sok', '40.Cad.', 'IST'); --başarılı

INSERT INTO adresler VALUES('10003','Kaya Sok', '50.Cad.', 'Ankara'); --başarılı, FK null, duplicate kabul eder

INSERT INTO adresler VALUES('10002','Taş Sok', '30.Cad.', 'Konya'); --başarılı

INSERT INTO adresler VALUES('10012','Taş Sok', '30.Cad.', 'Konya'); --Hata: PK de 10012 yok

INSERT INTO adresler VALUES(NULL,'Taş Sok', '23.Cad.', 'Konya'); --başarılı

INSERT INTO adresler VALUES(NULL,'Taş Sok', '23.Cad.', ‘Konya'); --başarılı

musteriler table

CREATE TABLE musteriler (

urun\_id int,

musteri\_isim varchar(50),

urun\_isim varchar(50)

);

INSERT INTO musteriler VALUES (10, 'Mark', 'Orange');

INSERT INTO musteriler VALUES (10, 'Mark', 'Orange');

INSERT INTO musteriler VALUES (20, 'John', 'Apple');

INSERT INTO musteriler VALUES (30, 'Amy', 'Palm');

INSERT INTO musteriler VALUES (20, 'Mark', 'Apple');

INSERT INTO musteriler VALUES (10, 'Adem', 'Orange');

INSERT INTO musteriler VALUES (40, 'John', 'Apricot');

INSERT INTO musteriler VALUES (20, 'Eddie', 'Apple');

SELECT \* FROM musteriler;

markalar table

CREATE TABLE markalar

(

marka\_id int,

marka\_isim VARCHAR(20),

calisan\_sayisi int

);

INSERT INTO markalar VALUES(100, 'Vakko', 12000);

INSERT INTO markalar VALUES(101, 'Pierre Cardin', 18000);

INSERT INTO markalar VALUES(102, 'Adidas', 10000);

INSERT INTO markalar VALUES(103, 'LCWaikiki', 21000);

calisanlar3 table

CREATE TABLE calisanlar3 (

id int,

isim VARCHAR(50),

sehir VARCHAR(50),

maas int,

isyeri VARCHAR(20)

);

INSERT INTO calisanlar3 VALUES(123456789, 'Ali Seker', 'Istanbul', 2500, 'Vakko');

INSERT INTO calisanlar3 VALUES(234567890, 'Ayse Gul', 'Istanbul', 1500, 'LCWaikiki');

INSERT INTO calisanlar3 VALUES(345678901, 'Veli Yilmaz', 'Ankara', 3000, 'Vakko');

INSERT INTO calisanlar3 VALUES(456789012, 'Veli Yilmaz', 'Izmir', 1000, 'Pierre Cardin');

INSERT INTO calisanlar3 VALUES(567890123, 'Veli Yilmaz', 'Ankara', 7000, 'Adidas');

INSERT INTO calisanlar3 VALUES(456789012, 'Ayse Gul', 'Ankara', 1500, 'Pierre Cardin');

INSERT INTO calisanlar3 VALUES(123456710, 'Fatma Yasa', 'Bursa', 2500, 'Vakko');

personel table

--HAVING ifadesi

CREATE TABLE personel (

id int,

isim varchar(50),

sehir varchar(50),

maas int,

sirket varchar(20)

);

INSERT INTO personel VALUES(123456789, 'Ali Yilmaz', 'Istanbul', 5500, 'Honda');

INSERT INTO personel VALUES(234567890, 'Veli Sahin', 'Istanbul', 4500, 'Toyota');

INSERT INTO personel VALUES(345678901, 'Mehmet Ozturk', 'Ankara', 3500, 'Honda');

INSERT INTO personel VALUES(456789012, 'Mehmet Ozturk', 'Izmir', 6000, 'Ford');

INSERT INTO personel VALUES(567890123, 'Mehmet Ozturk', 'Ankara', 7000, 'Tofas');

INSERT INTO personel VALUES(678901245, 'Veli Sahin', 'Ankara', 4500, 'Ford');

INSERT INTO personel VALUES(123456710, 'Hatice Sahin', 'Bursa', 4500, 'Honda');

SELECT \* FROM personel;

\*\*\*kisiler farkli kisiler

developers table

\*\*\*developers ve contact\_info tablolarini olusturalim. Bunlar birbirlerine PK ve FKile baglanmislar.

--31- UNION - UNION ALL ifadesi

CREATE TABLE developers(

id SERIAL PRIMARY KEY,

name varchar(50),

email varchar(50) UNIQUE,

salary real,

prog\_lang varchar(20),

city varchar(50),

age int

);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Abdullah Berk','abdullah@mail.com',4000,'Java','Ankara',28);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Mehmet Cenk','mehmet@mail.com',5000,'JavaScript','Istanbul',35);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Ayşenur Han ','aysenur@mail.com',5000,'Java','Izmir',38);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Kübra Han','kubra@mail.com',4000,'JavaScript','Istanbul',32);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Muhammed Demir','muhammed@mail.com',6000,'Java','Izmir',25);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Fevzi Kaya','fevzi@mail.com',6000,'Html','Istanbul',28);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Enes Can','enes@mail.com',5500,'Css','Ankara',28);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Tansu Han','tansu@mail.com',5000,'Java','Bursa',32);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Said Ran','said@mail.com',4500,'Html','Izmir',33);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Mustafa Pak','mustafa@mail.com',4500,'Css','Bursa',32);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Hakan Tek','hakan@mail.com',7000,'C++','Konya',38);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Deniz Çetin','deniz@mail.com',4000,'C#','Istanbul',30);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Betül Çetin','btl@mail.com',4000,'C#','Bursa',29);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Ayse Gul','ayse@mail.com',4000,'C#','Ankara',29);

INSERT INTO developers(name,email,salary,prog\_lang,city,age) VALUES('Ali Seker','ali@mail.com',4000,'C#','Ankara',29);

contact\_info table

CREATE TABLE contact\_info(

address\_id int,

street varchar(30),

number int,

city varchar(30),

FOREIGN KEY(address\_id) REFERENCES developers(id)

);

INSERT INTO contact\_info VALUES(1,'Kaya Sok.',5,'Bursa');

INSERT INTO contact\_info VALUES(2,'Kaya Sok.',3,'Ankara');

INSERT INTO contact\_info VALUES(3,'Can Sok.',10,'Bursa');

INSERT INTO contact\_info VALUES(4,'Gül Sok.',12,'Ankara');

INSERT INTO contact\_info VALUES(5,'Can Sok.',4,'Afyon');

INSERT INTO contact\_info VALUES(6,'Taş Sok.',6,'Bolu');

INSERT INTO contact\_info VALUES(7,'Dev Sok.',6,'Sivas');

INSERT INTO contact\_info VALUES(8,'Dev Sok.',8,'Van');

SELECT \* FROM developers;

SELECT \* FROM contact\_info;

SELECT \* FROM calisanlar4;

mart ne nisan adında tablolar

CREATE TABLE mart

(

urun\_id int,

musteri\_isim varchar(50),

urun\_isim varchar(50)

);

INSERT INTO mart VALUES (10, 'Mark', 'Honda');

INSERT INTO mart VALUES (20, 'John', 'Toyota');

INSERT INTO mart VALUES (30, 'Amy', 'Ford');

INSERT INTO mart VALUES (20, 'Mark', 'Toyota');

INSERT INTO mart VALUES (10, 'Adam', 'Honda');

INSERT INTO mart VALUES (40, 'John', 'Hyundai');

INSERT INTO mart VALUES (20, 'Eddie', 'Toyota');

CREATE TABLE nisan

(

urun\_id int ,

musteri\_isim varchar(50),

urun\_isim varchar(50)

);

INSERT INTO nisan VALUES (10, 'Hasan', 'Honda');

INSERT INTO nisan VALUES (10, 'Kemal', 'Honda');

INSERT INTO nisan VALUES (20, 'Ayse', 'Toyota');

INSERT INTO nisan VALUES (50, 'Yasar', 'Volvo');

INSERT INTO nisan VALUES (20, 'Mine', 'Toyota');

select \* from mart;

select \* from nisan;

BLUE Pages Database

Personel Table:

CREATE TABLE personel (

id SERIAL PRIMARY KEY,

departman\_id INTEGER NOT NULL,

ulke\_id VARCHAR(255) NOT NULL,

ad VARCHAR(255) NOT NULL,

soyad VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

dogum DATE NOT NULL,

maas NUMERIC(10, 2) NOT NULL

);

Personel tablosunun içeriğini de alttaki gibi oluşturalım:

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (1, 4, 'TR', 'Mehmet', 'Ozman', 'grafiker@yahoo.com', '1976-11-01', 2500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (2, 5, 'TR', 'Güray', 'Oskay', 'gurayoskay@gmail.com', '1979-02-03', 1500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (3, 5, 'TR', 'Serkan', 'Çiftçi', 'kizilsakal@trumpet.sk', '1982-12-04', 850);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (4, 8, 'TR', 'Emre', 'Büyükkalfa', 'emrebuyukkalfa@hotmail.com', '1978-07-13', 2000);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (5, 4, 'TR', 'Ali', 'Polat', 'hasanali@hotmail.com', '1978-09-05', 3500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (6, 5, 'TR', 'Özgür', 'Şengül', 'ozgursengul@yahoo.com', '1981-11-16', 900);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (7, 5, 'TR', 'Can', 'Göksun', 'cangoksun@gmail.com', '1980-05-19', 1200);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (8, 5, 'TR', 'Dara', 'Ganjiavi', 'daragan@yahoo.com', '1975-02-14', 1500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (9, 5, 'TR', 'Elif', 'Akşar', 'elifeel@hotmail.com', '1975-12-26', 750);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (10, 3, 'TR', 'Azade', 'Çerkezoğlu', 'info@azade.info', '1979-09-05', 2200);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (11, 3, 'TR', 'Asude', 'Çerkezoğlu', 'asude@gmail.com', '1973-09-05', 1100);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (12, 8, 'TR', 'Cengiz', 'Çerkezoğlu', 'cengiz@gmail.com', '1950-01-01', 2600);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (13, 1, 'TR', 'Seval', 'Çerkezoğlu', 'sevalc@gmail.com', '1962-05-01', 1200);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (14, 1, 'TR', 'Aytek', 'Karadeniz', 'aytek@hotmail.com', '1983-10-11', 950);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (15, 2, 'TR', 'Eralp', 'Görgün', 'eralpgorgun@yahoo.com', '1982-04-24', 1600);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (16, 2, 'TR', 'Çağrı', 'Singör', 'cagri.singor@hotmail.com', '1978-02-05', 850);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (17, 2, 'TR', 'Peyman', 'Köseoğlu', 'pudi@yahoo.com', '1952-07-24', 2600);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (18, 8, 'TR', 'Yaman', 'Köseoğlu', 'yamank@superonline.com', '1945-07-06', 3300);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (19, 4, 'TR', 'Doğan', 'Tacikayan', 'dogant@yahoo.com', '1985-03-02', 1500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (20, 3, 'TR', 'Sema', 'Özkul', 'semai@hotmail.com', '1976-10-19', 1400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (21, 8, 'TR', 'Hakan', 'Çolak', 'hakancolak@yahoo.com', '1972-06-18', 1600);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (22, 9, 'TR', 'Dilek', 'Çolak', 'dilekcolak@gmail.com', '1973-06-16', 1600);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (23, 8, 'TR', 'Gürkan', 'Engin', 'gurkanengin@gmail.com', '1970-07-11', 1600);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (24, 1, 'TR', 'Alperen', 'Canıdemir', 'alperenc@hotmail.com', '1978-11-01', 1400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (25, 1, 'TR', 'Yavuz', 'Akbaş', 'yavak@gmail.com', '1969-12-05', 1500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (26, 2, 'TR', 'Bülent', 'Çavuş', 'bulentc@msn.com', '1981-11-04', 1900);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (27, 2, 'TR', 'Cüneyt', 'Değertekin', 'cucu@msn.com', '1979-12-28', 1450);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (28, 9, 'TR', 'Ersin', 'Ergen', 'ersinergen@yahoo.com', '1973-01-28', 2000);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (29, 9, 'TR', 'Fatih', 'Zenginer', 'fatihz@gmail.com', '1978-12-27', 1650);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (30, 9, 'TR', 'Mehmet', 'Ergül', 'malier@hotmail.com', '1970-07-25', 1450);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (31, 9, 'TR', 'Mehmet', 'Ün', 'mehmet\_un@yahoo.com', '1980-07-20', 1500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (32, 1, 'TR', 'Ramazan', 'Salman', 'ramazansalman@yahoo.com', '1978-06-18', 1300);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (33, 3, 'TR', 'Yeşim', 'Kantar', 'yesim21@yahoo.com', '1972-06-16', 1200);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (34, 1, 'TR', 'İlkay', 'Yalçın', 'ilkayal@gmail.com', '1982-07-15', 900);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (35, 2, 'TR', 'Cenker', 'Uçan', 'cenker@gmail.com', '1969-05-15', 3400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (36, 3, 'TR', 'Okan', 'Metin', 'okaniko@hotmail.com', '1982-03-14', 1400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (37, 4, 'TR', 'Ercan', 'Paksoylu', 'ercanpak@hotmail.com', '1975-07-11', 1800);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (38, 5, 'TR', 'Ercüment', 'Paksoylu', 'ercupak@hotmail.com', '1978-05-01', 2400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (39, 2, 'TR', 'Ahu', 'Akar', 'ahuakar@yahoo.com', '1978-11-01', 4500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (40, 8, 'TR', 'Cemal', 'Akar', 'cemalakar@yahoo.com', '1972-01-01', 3500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (41, 8, 'TR', 'Kemal', 'Akar', 'kemalakar@yahoo.com', '1950-10-03', 2400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (42, 3, 'TR', 'Gülten', 'Akar', 'gultenakar@yahoo.com', '1960-09-20', 1200);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (43, 6, 'TR', 'Suna', 'Yaşar', 'suna.yasar@gmail.com', '1970-10-20', 650);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (44, 6, 'TR', 'Mehmet', 'Yaşar', 'mehmet.yasar@gmail.com', '1968-10-22', 900);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (45, 9, 'TR', 'Dilek', 'Ergen', 'dileker@msn.com', '1975-12-12', 1200);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (46, 2, 'TR', 'Hasan', 'Çerkezköylü', 'hasanc@msn.com', '1970-12-31', 1200);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (47, 0, 'TR', 'Ekin', 'Boylan', 'ekinboylan@hotmail.com', '1970-04-04', 400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (48, 4, 'DE', 'Hans', 'Müller', 'hansm@libero.id', '1976-12-13', 2500);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (49, 1, 'DE', 'Lisa', 'Schaudi', 'lisas@gmx.de', '1970-10-19', 3600);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (50, 2, 'UK', 'Gabriel', 'Franklin', 'gabriel\_franklin@yahoo.com', '1980-09-01', 2250);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (51, 5, 'JP', 'Yoshi', 'Mitsu', 'yoshimitsu@tekken.com', '1976-10-12', 1000);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (55, 7, 'TR', 'İhsan', 'Taşdemir', 'itasdemir@msn.com', '1960-12-15', 400);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (56, 7, 'TR', 'Reha', 'Engin', 'rehaengin@yahoo.com', '1978-12-12', 450);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (57, 1, 'TR', 'Reha', 'Engin', 'reha.engin@gmail.com', '1945-01-01', 800);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (58, 5, 'JP', 'Jin', 'Kazama', 'jinkazama@tekken.com', '1978-12-27', 950);

INSERT INTO personel (id, departman\_id, ulke\_id, ad, soyad, email, dogum, maas) VALUES (59, 4, 'DE', 'Kerem', 'Köseoğlu', 'kerem@doublekey.org', '1978-12-27', 4100);

SELECT \* FROM personel

Departman Table:

CREATE TABLE departman (

id SERIAL PRIMARY KEY,

ad VARCHAR(50) NOT NULL,

odano VARCHAR(20) NULL

);

Departman tablosunun içeriğini de alttaki gibi oluşturalım: (odano field ı şimdilik değer girmedik bu tabloda, gerekirse update yaparız)

INSERT INTO departman (id, ad) VALUES

(1, 'Muhasebe'),

(2, 'İnsan Kaynakları'),

(3, 'Pazarlama'),

(4, 'IT'),

(5, 'Üretim'),

(6, 'Temizlik'),

(7, 'Güvenlik'),

(8, 'Yönetim'),

(9, 'Lojistik');

Musteri Table

CREATE TABLE musteri (

id SERIAL PRIMARY KEY,

ulke\_id VARCHAR(2) NOT NULL,

ad VARCHAR(50) NOT NULL,

soyad VARCHAR(50) NOT NULL,

email VARCHAR(50) NOT NULL UNIQUE,

dogum DATE,

kullaniciadi VARCHAR(50) NOT NULL UNIQUE,

sifre VARCHAR(50) NOT NULL,

bgcolor VARCHAR(7)

);

Musteri tablosunun içeriğini de alttaki gibi oluşturalım:

INSERT INTO musteri (ulke\_id, ad, soyad, email, dogum, kullaniciadi, sifre, bgcolor) VALUES

('TR', 'Bülent', 'Muska', 'bulentmuska@msn.com', '1980-10-13', 'bulent', 'b0e75b7691b253f27451b953001b0fda', '#ffffff'),

('TR', 'Nuri', 'Çolak', 'nuric@hotmail.com', '1976-06-02', 'sap', '2d1b2a5ff364606ff041650887723470', '#ffcc00'),

('TR', 'Mete', 'Çağlayan', 'mete.caglayan@sap.com', '1976-01-05', 'sivribiber', 'c7d9950f607ee6574109a9fc8ebe4c0e', '#cccccc'),

('TR', 'Begüm', 'Güven', 'begum77@yahoo.com', '1977-11-08', 'wookie', '7eb8844fd48cc40732ef5ff47a1e6378', '#000000'),

('TR', 'Buket', 'Akçetin', 'buket.akcetin@klueber.de', '1978-06-22', 'bukle', '8128bb905f44b01f31bdce5052f7168b', '#000000'),

('TR', 'Cemal', 'Çinkılıç', 'cemal@doublekey.org', '1978-12-27', 'cemal', '35393c24384b8862798716628f7bc6f4', '#ffffff'),

('TR', 'Burak', 'Göreli', 'burak.goreli@diss.com', '1972-10-15', 'hummer', 'd6e4c2f87ffb3d1ea114d4dcc024b40d', '#000000'),

('TR', 'Okay', 'Alp', 'okay@gmail.com', '1974-07-02', 'okayalp', '8a21299df04e5d0d2666a1bac264f3bf', '#ffffff'),

('TR', 'Azra', 'Yalnız', 'azra@gmail.com', '1972-10-15', 'azrael', '827ccb0eea8a706c4c34a16891f84e7b', '#ffcc00'),

('TR', 'Oya', 'Başar', 'oyabas@hotmail.com', '1973-02-02', 'oyab', '243e1dab25756ff5371f2159ed435f47', '#000000'),

('TR', 'Kayıhan', 'Onuk', 'kayihano@hotmail.com', '1978-03-22', 'kaykay', '24e279a2b9cefd0ff8410f3d310d4524', '#000000'),

('TR', 'Tolga', 'Ader', 'tolgader@hotmail.com', '1972-10-15', 'tolgader', 'f094b3ba050b9686eb8e557eacfd01e6', '#cccccc'),

('TR', 'Tolga', 'Çavuşoğlu', 'tolga.cavusoglu@eczacibasi.com.tr', '1972-07-09', 'tolgac', '18cf6b1fcc6f34a15b7b553860ad705a', '#000000'),

('TR', 'Volkan', 'Özkoçak', 'master@gmail.com', '1970-10-18', 'volki', '089ac4682a780fd36a19a6279c977758', '#ffcc00'),

('UK', 'Melissa', 'Crawford', 'melcraw@mirc.co.uk', '1983-10-19', 'melcraw', '25d55ad283aa400af464c76d713c07ad', '#000000'),

('TR', 'Barış', 'Çekiç', 'baris.cekic@t-systems.com.tr', '1970-10-22', 'peace', 'd35a02eb49149450fb2fffc6e467eb37', '#cccccc'),

('DE', 'Horst', 'Müller', 'horst@gmail.com', '1970-07-07', 'horst', 'fb46aed9b51e53a33a2714a13a371c9a', '#ffcc00'),

('DE', 'Kurt', 'Frankfurter', 'kurtfrank@yahoo.com', '1971-05-13', 'kurtf', '9dca5e87630b9185169af2d17f5c11f4', '#ffffff'),

('TR', 'Yavuz', 'Çetin', 'yavuz.cetin@otherside.com', '1970-05-12', 'yavuz', '5195dacabbea185567e62b2bcdd6de7c', '#cccccc'),

('TR', 'Kerim', 'Çaplı', 'kerim.capli@otherside.com', '1960-08-01', 'kerimcapli', '5195dacabbea185567e62b2bcdd6de7c', '#ffffff');

SELECT \* FROM musteri

Siparis table

CREATE TABLE siparis (

id SERIAL PRIMARY KEY,

tarih DATE,

musteri\_id INTEGER

);

Siparis tablosunun içeriğini de alttaki gibi oluşturalım:

INSERT INTO siparis (id, tarih, musteri\_id) VALUES

(1, '2005-01-01', 18),

(2, '2005-01-01', 2),

(3, '2005-01-03', 2),

(4, '2005-01-04', 7),

(5, '2005-01-05', 9),

(6, '2005-01-05', 15),

(7, '2005-01-12', 20),

(8, '2005-04-04', 2),

(9, '2005-04-10', 1);

Ulke Table

CREATE TABLE ulke (

id SERIAL PRIMARY KEY,

ad VARCHAR(2),

orjinalad VARCHAR(50)

);

Ulke tablosunun içeriğini de alttaki gibi oluşturalım:

INSERT INTO ulke (ad, orjinalad) VALUES

('TR', 'Türkiye'),

('DE', 'Almanya'),

('UK', 'İngiltere'),

('JP', 'Japonya');

haber table:

CREATE TABLE haber (

id SERIAL PRIMARY KEY,

tarih DATE,

baslik CHAR(50),

metin TEXT,

goruntu INTEGER

);