INNER JOIN

Select p.Ad , p.Soyad , p.Pozisyon , k.KullaniciTarihi

From PERSONELLER p inner join KULLANICI\_GIRISI

On p.PersonelID = k.PersonelID;

RIGHT JOIN

Select a.MarkaAdi , b.ModelAdi

From ARAC\_MARKA a right join ARAC\_MODEL

On a.MarkaID = b. MarkaID;

LEFT JOIN

Select x.Plaka , x.GunlukUcret , x.Yil , x.Durum y.ModelAdi

From ARACLAR x left join ARAC\_MODEL y

On x.MarkaID= y.MarkaID;

FULL OUTER JOIN

SELECT \* FROM MUSTERILER m

Full outer join REZERVASYONLAR r

ON m.MusteriID = r.MusteriID;

Stored Procedure (Kayıt Silme)

create proc pr\_kayitSilme

(@input1 int)

as

begin

DELETE FROM MUSTERILER

WHERE MusteriID = @input1

end;

exec pr\_kayitSilme @input1 = 5;

Stored Procedure (Kayıt Ekleme)

create proc pr\_kayitEkleme

()

as

begin

insert into ARAC\_MARKA(MarkaID , MarkaAdi)

values(@MarkaID , @MarkaAdi)

end;

exec pr\_kayitEkleme @MarkaID = 12, @MarkaAdi = 'BMW';

Stored Procedure (Kayıt Değiştirme)

create proc pr\_kayitDegistirme

(@ıd int,

@plaka nvarchar(20))

as

begin

Update ARACLAR

SET Plaka =@plaka

where AracID = @ıd

end;

exec pr\_kayitDegistirme @id = 3, @plaka = '34ABC123';

Ardışık 3 Tabloya Kayıt Atama (Transaction Kullanarak)

begin transaction

begin try

INSERT INTO ARAC\_MARKA(MarkaID , MarkaAdi)

VALUES (13,'Saab');

INSERT INTO ARAC\_MODEL(ModelID , MarkaID , ModelAdi)

VALUES (12 , 12 , 'X5');

INSERT INTO ODEME\_TIPLERI(OdemeTipiID , TipAdı)

VALUES (11 , 'EFT');

commit;

print 'Kayıt atama başarılı'

end try

begin catch

rollback;

print 'Hata algılandı yapılan işlemler iptal edildi';

end catch;

Scalar Valued Function -1

create function fn\_toplamFiyat

()

returns decimal(10,2)

as

begin

declare @toplam decimal(10,2)

select @toplam = SUM(GunlukUcret) from ARACLAR

return @toplam

end;

select dbo.fn\_toplamFiyat()

Scalar Valued Function -2

create function fn\_arabaYas

(@ıd int)

returns int

as

begin

declare @hesap int

select @hesap = YEAR(GETDATE()) - Yil from ARACLAR

where AracID = @ıd

return @hesap

end;

select dbo.fn\_arabaYas(1) as AracinYasi

Table Valued Function-1

Create Function lokasyonArac

(@sehir nvarchar(50))

returns table

as

return

(select A.AracID , A.Plaka, A.MarkaID , A.ModelID, A.GunlukUcret , L.Şehir

from ARACLAR A inner join LOKASYON L ON A.LokasyonID = L.LokasyonID

where L.Şehir = @sehir);

select \* from dbo.lokasyonArac('Aydın');

Table Valued Function-2

create function aracBulma

(@marka nvarchar(20))

returns table

as

return

(select B.MarkaID , A.MarkaAdi From ARAC\_MARKA A inner join ARACLAR B

on A.MarkaID = B.MarkaID

where A.MarkaAdi = @marka);

select \*from dbo.aracBulma('Volkswagen');

After Insert Trigger

Create trigger trg\_AfterInsert\_Araclar

on ARACLAR

after insert

as

begin

insert into YEDEK\_ARACLAR (AracID, Plaka, MarkaID, ModelID, Yil, LokasyonID)

select AracID, Plaka, MarkaID, ModelID, Yil, LokasyonID

from ARACLAR

end;

Instead Of Delete Trigger

create trigger trg\_InsteadOfTrigger\_Araclar

on ARACLAR

instead of delete

as

begin

update YEDEK\_ARACLAR

set Silindi = 1

where AracID in (select AracID from deleted)

end;

After Update Trigger

create trigger trg\_AfterUpdate\_Araclar

on ARACLAR

after update

as

begin

update YEDEK\_ARACLAR

set

Plaka = a.Plaka,

MarkaID = a.MarkaID,

ModelID = a.ModelID,

Yil = a.Yil,

LokasyonID = a.LokasyonID

From YEDEK\_ARACLAR inner join inserted a

on YEDEK\_ARACLAR.AracID = a.AracID

end;