drop TABLE izinler;

CREATE TABLE "izinler"(id INTEGER, emp\_id INTEGER, bas\_tarihi date, bitis\_tarihi date);

CREATE TABLE if not EXISTS "izinler"(id INTEGER, emp\_id INTEGER, bas\_tarihi date, bitis\_tarihi date);

--tablo ismini degistirelim

ALTER TABLE izinler RENAME to leaves;

--tablo icindeki sutun isimlerini degistirelim

ALTER TABLE leaves RENAME COLUMN emp\_id to calisan\_id;

--yeni bir sutun ekleyelim

ALTER TABLE leaves ADD COLUMN aciklama TEXT;

--aciklama sutununu silelim

ALTER TABLE leaves DROP COLUMN aciklama;

ALTER TABLE leaves ADD COLUMN izin\_tipi TEXT;

--data tipini degistirelim

ALTER TABLE leaves RENAME COLUMN izin\_tipi to leaves\_type;

ALTER TABLE leaves ADD COLUMN izin\_tipi INTEGER;

UPDATE leaves SET izin\_tipi=CAST(leaves\_type as INTEGER);

ALTER TABLE leaves DROP COLUMN leaves\_type;

ALTER TABLE leaves RENAME to izinler;

--tabloya veri girisi yapildi

INSERT INTO izinler(id, calisan\_id, bas\_tarihi, bitis\_tarihi) VALUES(3, 10, '2023-01-01', '2023-01-10');

INSERT INTO izinler(calisan\_id, bas\_tarihi, bitis\_tarihi, izin\_tipi) VALUES(11, '2023-01-01', '2023-01-10', 'saglik');

INSERT INTO izinler(calisan\_id, bas\_tarihi, bitis\_tarihi) VALUES(11, '2023-01-01','2023-01-10');

--default ornegi

INSERT INTO izinler(calisan\_id, bas\_tarihi, bitis\_tarihi) VALUES(15, '2023-01-09','2023-01-20');

DROP TABLE tatil\_plani;

CREATE TABLE tatil\_plan (tatil\_id INTEGER PRIMARY KEY , calisan\_id INTEGER, sehir TEXT, otel\_ismi TEXT, tatil\_uzun INTEGER, butce INTEGER,

FOREIGN KEY (calisan\_id) REFERENCES carsalesEmployees(id));

--tatil plan tablosuna veri ekleyelim

INSERT INTO tatil\_plan(tatil\_id, calisan\_id, sehir, otel\_ismi, tatil\_uzun, butce)

VALUES(1, 6, 'BODRUM', 'HILTON', 10, 20000);

--sutun bazinda deger girme

INSERT INTO tatil\_plan(tatil\_id, calisan\_id, sehir, tatil\_uzun)

VALUES(3,10,'İZMİR', 10);

--albums tablosuna veri ekleyelim

INSERT into albums (Title, ArtistId) VALUES('Bu benim albumun',200);

--kontrol ediyoruz

SELECT \* FROM artists WHERE ArtistId=200;

SELECT \* FROM albums WHERE ArtistId=200;

--tum sutunda degisiklik yapar

UPDATE tatil\_plan SET tatil\_uzun=15;

--id ye göre degisiklik yap

UPDATE tatil\_plan SET tatil\_uzun=10 WHERE tatil\_id=2;

--employees tablosunda de Mechanic salary 5000 güncellesin

UPDATE carsalesEmployees SET salary=5000 WHERE dep='Mechanic';

--employees tablosunda de Mechanic salary %15 zamli olarak güncellesin

UPDATE carsalesEmployees SET salary=(salary\*1.15) WHERE dep='Manager';

--ic ice sorguyla update islemi yapalim

UPDATE carsalesEmployees SET salary=(salary\*1.15) WHERE salary> (SELECT avg(salary) FROM carsalesEmployees);

SELECT avg(salary) FROM carsalesEmployees;

SELECT \* FROM carsalesEmployees;

UPDATE carsalesEmployees SET salary=(salary\*1.20) WHERE salary<2500 AND gender='F';

--

UPDATE carsalesEmployees SET salary=(salary\*1.25) WHERE gender='F' And salary> (SELECT avg(salary) FROM carsalesEmployees WHERE dep='Salesperson');

SELECT \* FROM carsalesEmployees;

SELECT avg(salary) FROM carsalesEmployees WHERE dep='Salesperson';

--tablo icindeki bilgileri siler

DELETE FROM izinler WHERE id=5;

SELECT \* FROM izinler;

CREATE INDEX izinlertabicin on izinler(id);

CREATE VIEW merkezmaaslari as SELECT salary FROM carsalesEmployees WHERE region='Central' AND gender='F';

SELECT \* FROM merkezmaaslari;