

## **TURK STUDENT COMMUNITY Tarafından Gerçekleştirilen SQL BOOTCAMP**

### **Birinci Hafta Ödev Cevapları**

```
select * from employees;
```

```
select employeeid, firstname, lastname from employees;--bu satırda yapılan  
employees tablosunda bulunan (id,lastname ve firstname columnlarını seçildi)
```

```
select firstname, lastname, salary from employees;
```

```
select * from departments;
```

```
select distinct d.departmentid, d.departmentname from employees e join departments  
d on e.departmentid = d.departmentid;
```

```
--d.departments deki d departments tablosunun alias değeridir.
```

```
select distinct departments.departmentid from employees join departments on  
employees.departmentid = departments.departmentid;
```

```
--Employees tablosundaki veriler ile departments tablosundaki eşleşen veriler  
birleştirilerek tekrarlanmayan bir değer görürüz
```

```
select e.employeeid, e.firstname, e.lastname, e.age, e.salary, e.joindate,  
d.departmentname from employees e
```

```
left join departments d on e.departmentid = d.departmentid
```

```
where departmentname='IT';
```

```
/*employees tablosundaki satırlar ile departments tablosundaki eşleşen satırlar  
birleştirilir. departmentname IT olanlar listelenir*/
```

```
select firstname, lastname, salary from employees order by salary ASC;
```

```
/*artan sırada sıralama yapar */
```

```
select firstname, lastname, salary from employees order by salary DESC;
```

```
/*artan sırada sıralama yapar*/
```

`select firstname || ' ' || lastname as fullname from employees;`

`select concat(firstname, ' ', lastname)`

`as fullname from employees;`

`/*concat() belirtilen iki sutunu birleştirir yada daha fazlasını*/`

```
select * from employees;
select employeeid, firstname, lastname from employees;--bu satırda yapılan employees tablosunda bulunan (id,lastname ve firstname columnlarını seçildi)
select firstname, lastname, salary from employees;
select * from departments;

select distinct d.departmentid, d.departmentname from employees e join departments d on e.departmentid = d.departmentid;
--d.departments deki d departments tablosunun alias değeridir.

select distinct departments.departmentid from employees join departments on employees.departmentid = departments.departmentid;
--Employees tablosundaki veriler ile departments tablosundaki eşleşen veriler birleştirilerek tekrarlanmayan bir değer görürüz

select e.employeeid, e.firstname, e.lastname, e.age, e.salary, e.hiredate, d.departmentname from employees e
left join departments d on e.departmentid = d.departmentid
where departmentname='IT';
/*employees tablosundaki satırlar ile departments tablosundaki eşleşen satırlar birleştirilir. departmentname IT olanlar listelenir*/

select firstname, lastname, salary from employees order by salary ASC;
/*artan sırada sıralama yapar */
select firstname, lastname, salary from employees order by salary DESC;
/*artan sırada sıralama yapar*/

select firstname || ' ' || lastname as fullname from employees;

select concat(firstname, ' ', lastname)
as fullname from employees;
/*concat() belirtilen iki sutunu birleştirir yada daha fazlasını*/
```