

```
SELECT Dname,Dnumber,Pnumber,Fname,Lname,Address,Bdate
FROM Employee,Department,Project
WHERE Plocation='Stafford' AND Dnum=Dnumber AND mgrssn=Ssn
```

Starfford konumunda bulunan projelerde calisan employeeeler

```
SELECT *,Count(*)
FROM EMPLOYEE AS E,DEPARTMENT AS D
WHERE Dno=Dnumber
Group By Dnumber
select *,count(*)
from employee as e,dependent as d
where e.ssn=d.essn
group by fname

select *,count(*) as Employee_Count
from project as p,works_on as w
where p.pnumber=w.pno
group by pname
```

departmentdaki employee sayilari
employelerin bagimlilik sayilari
projelerdeki employee sayilari

```
select *,count(*) as Employee_Count
from project as p,works_on as w
where p.pnumber=w.pno
group by pname
having count(*)>2
2'den fazla calisani olanlar
```

```
Select *,E.Fname,E.Lname
FROM Employee AS E,Project as P,Works_on as W,Department as D
WHERE D.Dnumber=5 and P.Dnum=D.Dnumber and E.Ssn=W.Essn and W.Pno=P.Pnumber
Dnum=5 departменти tarafından yonetilen projelerde calisan employeeeleri
getir.
```

```
Select *
FROM Employee left outer join Dependent on Ssn=Essn
Where Dependent.Essn IS NULL
Dependent'i olmayan employeeeleri getir.
```

```
Select DISTINCT Fname,Lname,Ssn,Address,Pno,Hours
FROM Employee as E left outer join Works_on as W on W.Essn=E.Ssn
Group By Fname
```

Aslinda kimin bir projede calismadigini gorebilecegim joinlenmis yapidir bu.

Sebebi ise soldakilerin hepsini kosulsuz bas diyo olmamdandir. (LEFT OUTER JOIN)

Essn=Ssn kosulunu saglayanlari bas ama sol tafarta bu kosulu saglama durumu olmayan karsiligi NULL olan degerleri bile getir diyorum.

Ve elde edilen sonuctan Pno=null olanlari secip aslinda hic bir projede calismayanlari gosterecegim

```
select DISTINCT Fname,Lname,Ssn,Address,Pno,Hours
FROM Employee as E left outer join Works_on as W on W.Essn=E.Ssn
Where Pno IS NULL
Group By Fname
NULL=NULL Avoided oldugu icin IS kullanarak yaptim.
Yani hic bir bilmem neyi olmayan gibi yapilari boyle bir mantik kullanarak
getirebilirim.
```

```
select DISTINCT Fname,Lname,Ssn,Address,Pno,Hours
FROM Employee as E left outer join Works_on as W on W.Essn=E.Ssn
Where Pno!=20 OR Pno IS NULL
Group By Fname
20 NOLU PROJE DISINDA cALIsANLAR BIRLEsIM HIC BIRINDE cALIsMAYANLAR
```

```
USING NOT
OUT OF SET
select * from employee where Employee.Ssn not in (select Essn
from employee as e,dependent as d
where e.Ssn=d.Essn)
Dependent'i olmayan employeeeler
```

```
USING NOT
OUT OF SET
select * from employee where Employee.Ssn not in
(select E.Ssn from employee as e,project as p,works_on as w
where w.Essn=e.Ssn AND p.Pnumber=w.Pno
)
Hic BIR PROJE DE cALIsMAYAN EMPLOYEE LER
```

```
cALIsMAZ select Employee.Ssn from employee where not EXISTS
cALIsMAZ (select E.Ssn from employee as e,project as p,works_on as w
cALIsMAZ where w.Essn=e.Ssn AND p.Pnumber=w.Pno
cALIsMAZ )
```

```
SELECT E.Lname,E.Address,E.Bdate,D.Dnumber,P.Pnumber,Count(*) as
Cocuk_Sayisi,E.Salary
FROM Employee as E,Project as P,Department as D,Dependent as De
WHERE P.Plocation='Bellaire' AND P.Dnum=D.Dnumber AND E.Ssn=D.Mgrssn AND
De.Essn=E.Ssn
```

Bellaire konumunda bulunan projelerde calisan employeeelerinden yonetici olanlarin karsisina kac cocugu oldugunu maasini yaz

```
SELECT E.Fname,E.Address,S.Fname as Yonetici_Isim,S.Address as
Yonetici_adres
FROM Employee as E,Employee as S
WHERE E.Superssn=S.Ssn
```

Supervisor gosterimi

```
SELECT E.Fname,E.Address,S.Fname as Yonetici_Isim,S.Address as
Yonetici_adres
FROM Employee as E LEFT JOIN Employee as S ON E.Superssn=S.Ssn
Join version
```

```
SELECT S.Fname as Yonetici_Isim,S.Address as
Yonetici_adres,E.Fname,E.Address,Count(*)
FROM Employee as E LEFT JOIN Employee as S ON E.Superssn=S.Ssn
Group by S.Fname
Her supervisor'in sahip oldugu alt employee sayisi
```

Houston'de bulunan projede calisan ama sahip oldugu department'in
houston'de firmasi bulunmayan kisileri getir.

```
SELECT E.Fname,E.Address,P.Pnumber,D.Dname
FROM Employee as E,Project as P,Works_On as W,Department as
D,Dept_Locations as DL
WHERE P.Plocation='Houston' AND W.Pno=P.Pnumber AND W.Essn=E.Ssn AND
D.Dnumber=E.Dno
AND DL.Dlocation!='Houston' AND DL.Dnumber=D.Dnumber
Group By E.Fname
```

Houstende bulunan projede calisanlari getir.

```
SELECT E.Fname,E.Address,P.Pnumber,D.Dname
FROM Employee as E,Project as P,Works_On as W,Department as
D,Dept_Locations as DL
WHERE P.Plocation='Houston' AND W.Pno=P.Pnumber AND W.Essn=E.Ssn AND
D.Dnumber=E.Dno
Group By E.Fname
```

Not Equal Kullanimi

```
SELECT E.Fname,E.Address,P.Pnumber,Count(*)
FROM Employee as E,Project as P,Works_On as W
WHERE P.Plocation='Houston' AND W.Pno=P.Pnumber AND W.Essn=E.Ssn
Group By E.Fname
Having Count(*)!=0
```

```
SELECT E.Fname,E.Address,P.Pnumber,Count(*)
FROM Employee as E,Project as P,Works_On as W
WHERE P.Plocation='Houston' AND W.Pno=P.Pnumber AND W.Essn=E.Ssn
Group By E.Fname
Having Count(*)>=1
```

```
SELECT *,Pnumber
FROM Project as P,Employee as E,Department as D,Works_on as W
WHERE E.Lname='Wong' AND E.Ssn=D.Mgrssn AND W.Pno=P.Pnumber AND
W.Essn=E.Ssn
Lname='Wong' olan kisinin department yoneticisi olarak calistigi projeler.
```

```
SELECT E.Fname,E.Ssn,P.Pnumber,SUM(W.Hours)
FROM Employee as E,Project as P,Works_on as W
WHERE E.Ssn=W.Essn AND W.Pno=P.Pnumber
Group By E.Fname,P.Pnumber
Her employeenin projede ne kadar vakit harcadigi
```

```
SELECT P.Pname,P.Pnumber,SUM(W.Hours)
FROM Employee as E,Project as P,Works_on as W
WHERE E.Ssn=W.Essn AND W.Pno=P.Pnumber
Group By P.Pnumber
Bir proje icin butun employeeelerin o projeye ne kadar zaman harcadigi
```

```
SELECT E.Fname,E.Lname,E.Sex,D.dependent_name,D.Sex,D.Relationship
FROM Employee as E,Dependent as D
WHERE E.Ssn=D.Essn AND E.Fname=D.dependent_name AND E.Sex=D.Sex
```

```
SELECT *,Count(*)
FROM Employee as E,Dependent as D,Department as Dept
WHERE E.Ssn=D.Essn AND Dept.Mgrssn=E.Ssn
Group By Fname
Having Count(*)=1
```

1 Tane dependent'i olan department managerlari

```
SELECT *,Count(*)
FROM Employee as E,Dependent as D,Department as Dept
WHERE E.Ssn=D.Essn AND Dept.Mgrssn=E.Ssn
Group By Fname
Having Count(*)!=1
Dependent sayisi 1 olmayan department yoneticileri
```

Lname='Smith' olan kisinin
Department yoneticisi oldugu departmaninin projeleri
Ya da
Normal isci olarak calistigi projeler
.

```
SELECT Pnumber
FROM Project
WHERE Pnumber IN
(SELECT Pnumber FROM Employee as E,Department as D ,Project
WHERE E.Dno=D.Dnumber AND E.Ssn=D.Mgrssn AND E.Lname='Smith')
OR
Pnumber IN
(Select Pno FROM Works_On,Employee Where Essn=Ssn AND Lname='Smith')Bu
smith'in department yoneticisi oldugu departmanin projelerini listelemez
```

```
SELECT *,Pnumber
FROM Project as P,Employee as E,Department as D,Works_on as W
WHERE E.Lname='Smith' AND ((E.Ssn=D.Mgrssn AND E.Dno=D.Dnumber) OR
(W.Pno=P.Pnumber AND W.Essn=E.Ssn))
Group by Pnumber Bu smith'in department yoneticisi oldugu departmanin
projelerini listelemez
```

```
SELECT Pnumber
FROM Project
WHERE Pnumber IN
(SELECT Pnumber
FROM Employee as E,Department as D ,Project as P
WHERE E.Dno=D.Dnumber AND E.Ssn=D.Mgrssn AND P.Dnum=D.Dnumber AND
E.Lname='Smith')
```

```
OR
Pnumber IN
(Select Pno FROM Works_On,Employee Where Essn=Ssn AND Lname='Smith') Bu
smith'in department yoneticisi oldugu departmanin projelerini listeler
cunku "P.Dnum=D.Dnumber" kosulunu ekledik.
```

```
SELECT *,Pnumber
FROM Project as P,Employee as E,Department as D,Works_on as W
WHERE E.Lname='Smith' AND ((E.Ssn=D.Mgrssn AND E.Dno=D.Dnumber AND
P.Dnum=D.Dnumber) OR (W.Pno=P.Pnumber AND W.Essn=E.Ssn))
Group by Pnumber Bu smith'in department yoneticisi oldugu departmanin
projelerini listeler cunku "P.Dnum=D.Dnumber" kosulunu ekledik.
```

```
SELECT *,Pnumber
FROM Project as P,Employee as E,Department as D,Works_on as W
WHERE E.Lname='Smith' AND ((E.Ssn=D.Mgrssn AND P.Dnum=D.Dnumber) OR
(W.Pno=P.Pnumber AND W.Essn=E.Ssn))
Group by Pnumber
```

Bir employeeenin yoneticisi oldugu department'i bulmak icin
"E.Dno=D.Dnumber" karsilastirmasini yapmamiza gerek yok.

```
SELECT *
FROM Employee as E,Department as D,Project as P
WHERE E.Dno=D.Dnumber AND E.Ssn=D.Mgrssn AND E.Lname='Smith' AND
P.Dnum=D.Dnumber
Smith'in department yoneticiligi yaptigi departmanin sahip oldugu projeleri
listeler.
```

```
SELECT *
FROM Project as P,Employee as E,Works_on as W,Department as D
WHERE E.Lname='Smith' AND ((E.Ssn=D.Mgrssn) OR (W.Essn=E.Ssn AND
W.Pno=P.Pnumber))
```

```
(SELECT DISTINCT Fname,Lname,Plocation,Pname,Pnumber
FROM PROJECT,DEPARTMENT,EMPLOYEE
WHERE DNUM=DNUMBER AND Mgrssn=Ssn AND Lname='Smith')
UNION
(SELECT DISTINCT Fname,Lname,Plocation,Pname,Pnumber
FROM PROJECT,WORKS_ON,EMPLOYEE
WHERE Pnumber=Pno AND Essn=Ssn AND Lname='Smith')
```

IKISIDE Lname=smith olan ve projelerde department yoneticisi veya normal
isci olarak calisilan
proje nolarini getiriyor.

```
SELECT *
FROM Employee,Department
Order By Dname
Her ismin karsisina her dep'i yazar cunku castersien product
```

```
SELECT *
FROM Employee,Department
```

```
Where Employee.Dno=Department.Dnumber
Order By Dname
Her ismin karsisina kendi departmanini yazar cunku filtreledik
```

```
SELECT Dname,Dnumber,Mgrssn,Count(*) as IsciSayisi
FROM Employee,Department
Where Employee.Dno=Department.Dnumber
Group By Dname
Order By Dname
Her depin karsisina kendi oradaki isci sayisini yazar cunku filtreledik
```

```
SELECT Fname,Employee.Lname,Address
FROM Employee,Department
WHERE Department.Dname='Research' AND Department.Dnumber=Employee.Dno
Research dep inde calisan employeeeleri getir
```

```
SELECT E.Fname,E.Lname,E.Dno,S.Fname,S.Lname,S.Address
FROM Employee as E,Employee as S
WHERE E.Superssn=S.Ssn
Employeeenin supervisor'ini getir
```

```
Select *
From employee,department
Where Dname='Research' AND Dno=Dnumber
research departmanindaki employeeeleri getirir.
```

```
Select *
From employee,department
Cartesien Product Employee and Department
```

```
select all salary
from employee
```

```
select distinct salary
from employee
Eliminate duplicate tuple
```

```
Select *
from Project,Employee,Works_On
WHERE Works_On.Essn=Employee.Ssn AND Project.Pnumber=Works_On.Pno
Her proje icin o projede calisan employee bilgileri
```

```
Select Dno,Dname,Fname
FROM Employee,Department
Where Department.Dnumber=Employee.Dno
departmendaki employeeeler
```

```
Select Dno,Dname,Fname,Pname,Ssn,Pno
```

```

FROM Employee,Department,Works_On,Project
Where Department.Dnumber=Employee.Dno AND Works_On.Pno=Project.Pnumber AND
Employee.Ssn=Works_On.Essn
RELAX VERSION
Select Dno,Dname,Fname,Pname,Ssn,Pno
FROM Employee,Department,Works_on,Project
Where Department.Dnumber=Employee.Dno AND Works_on.Pno=Project.Pnumber AND
Employee.Ssn=Works_on.Essn
departmendaki employeelerin calistigi projeler

```

```

(Select DISTINCT Pnumber
FROM Project as P,Department as D,Employee as E
WHERE P.Pnumber=D.Dnumber AND D.Mgr_ssn=E.Ssn AND E.Lname='Smith')

UNION

```

```

(Select DISTINCT Pnumber
FROM Project as P,Employee as E,Works_on as W
WHERE P.Pnumber=W.Pno AND E.Ssn=W.Essn AND E.Lname='Smith'
)

```

```

Select *
FROM Employee
WHERE Address Like '%Hous%'

```

```

Select *
FROM Employee
Where (Salary between 30000 and 60000)

```

```

Select Fname,Lname,Address,Pnumber,Pname,Salary*1.1 as Increased_S
FROM Employee as E,Project as P,Works_on as W
WHERE P.Pname='ProductX' AND E.Ssn=W.Essn AND P.Pnumber=W.Pno

```

ProductX isimli projede calisan employeelerin maaslarinin zamli halleri getiriliyor.

```

Select DISTINCT Fname,Lname,Address,Salary*1.1 as Increased_S
FROM Employee as E,Project as P,Works_on as W
WHERE E.Ssn=W.Essn AND P.Pnumber=W.Pno
ORDER BY Fname Asc
Projelerde calisan employeelerin maaslarinin zamli halleri getiriliyor.

```

```
Select * from Employee
where Super_ssn is null
Yonetici
```

```
Select * from Employee
where Super_ssn is not null
Yonetici haric
```

```
Select DISTINCT Pnumber,Pname,Plocation,Dnum
FROM Project
WHERE Pnumber IN
```

```
(Select Pnumber FROM Project,Department,Employee WHERE Mgrssn=Ssn AND
Dno=Dnumber AND Lname='Smith')
```

OR

```
Pnumber IN
```

```
(Select Pno
FROM Works_on as W,Employee as E
WHERE W.Essn=E.Ssn AND E.Lname='Smith'
)
```

Lname=Smith olan kisinin yonettigi departmandaki projelerin
YADA

Lname=Smith olan kisinin calistigi projelerin

BIRLESIMINDE BULUNAN Projeler icinde bulunan projeleri getir

```
SELECT Fname,Lname
FROM Employee AS E,Dependent AS D
WHERE E.Fname=D.Dependent_name AND E.Sex=D.Sex AND E.Ssn=D.Essn
```

```
Select E.Fname,E.Lname
FROM Employee as E
WHERE E.Ssn IN
(SELECT Essn
FROM DEPENDENT D
WHERE D.Dependent_name=E.Fname AND D.Sex=E.Sex
)
```

Dependent'i olan employee lerden bu employeeenin ismicinsiyeti ve
dependent'inin ismicinsiyeti ayni olanlari getir.


```
Select Fname,Lname
FROM Employee
WHERE Exists(Select * from Dependent as D Where Ssn=D.Essn )
```

```
Select DISTINCT Fname,Lname from Employee as E,Dependent as D Where
E.Ssn=D.Essn
```

Dependent'i olan employeeeler

```
Select Fname,Lname,D.dependent_name from Employee as E,Dependent as D Where
E.Ssn=D.Essn
Employeeelerin dependentlari
```

```
Select Fname,Lname,Dno
FROM Employee as E,Department as D
WHERE E.Ssn=D.Mgrssn AND D.Dnumber=E.Dno GEREKSIZ
Department yoneticilerini getir.
```

```
Select Fname,Lname,Dno,Ssn
FROM Employee
WHERE Exists(Select * from Dependent as D Where Ssn=D.Essn )
```

AND

```
Exists(Select * from Department as Dep Where Dep.mgrssn=Ssn)
Hem Department yoneticisi olan hem dependent'a sahip olan
```

```
SELECT Pnumber,Pname
FROM Project as P,Department as D
WHERE P.Dnum=D.Dnumber AND D.Dnumber=5
5 nolu department tarafindan kontrol edilen projeler
```

```
SELECT Pnumber,Pname,E.Fname,E.Lname
FROM Project as P,Department as D,Employee as E,Works_on as W
WHERE P.Dnum=D.Dnumber AND D.Dnumber=5 AND E.Ssn=W.Essn AND P.Pnumber=W.Pno
5 nolu department tarafindan kontrol edilen projelerde calisan
employeeelerin hepsi
```

```
SELECT Fname,Lname
FROM Employee AS E
WHERE Not Exists((Select Pnumber FROM Project WHERE Dno=5) EXCEPT(Select
pno FROM works_on as W WHERE E.Ssn=W.Essn))
```

AYNISININ DiGer GoSTERIMI

```
SELECT Lname,Fname
FROM Employee
WHERE NOT EXISTS
(SELECT * FROM Works_on as B
 WHERE (B.Pno IN
        (SELECT Pnumber FROM Project WHERE Dnum=5
         AND
         NOT EXISTS (SELECT * FROM Works_on as C WHERE C.Essn=Ssn AND
C.Pno=B.Pno)
        )
 )
)
```

```
SELECT DISTINCT Essn
FROM Works_on
WHERE Pno in (1,2,3)
Order BY Essn
```

1,2,3 nolu projelerde calisan employee essn leri

```
SELECT DISTINCT Essn,Fname,Lname,Pno
FROM Works_on as W,Employee as E,Project as P
WHERE Pno in (1,2,3) AND W.Pno=P.Pnumber AND W.Essn=E.Ssn
ORDER BY Ssn Asc
```

1,2,3 nolu projelerde calisan Employeele

```
Select E.Fname AS Emp_Fname,E.Lname AS Emp_Lname,S.Fname AS
Sup_Fname,S.Lname AS Sup_Lname
FROM Employee as E,Employee as S
WHERE E.Superssn=S.Ssn
```

```
Select E.Fname AS Emp_Fname,E.Lname AS Emp_Lname,S.Fname AS
Sup_Fname,S.Lname AS Sup_Lname,E.Ssn AS E_Ssn,S.Ssn AS Sup_Ssn
FROM Employee as E,Employee as S
WHERE E.Superssn=S.Ssn
```

Employeeelerin yoneticileri

```
SELECT Fname,Lname,Address
```

```
FROM (Employee as E JOIN Department as D ON E.Dno=D.Dnumber)

SELECT Fname,Lname,Address
FROM (Employee as E JOIN Department as D WHERE E.Dno=D.Dnumber) YANLIIs
```

```
SELECT E.Fname,E.Lname,S.Fname,S.Lname
FROM Employee as E LEFT OUTER JOIN Employee as S
ON E.Superssn=S.Ssn
ORDER BY S.Lname Asc
```

```
Select Pname,Pnumber
FROM ((Project JOIN Department ON Dnum=Dnumber))
WHERE Plocation='Stafford'
```

Stafford bolgesinde bulunan projeler

```
Select Fname,Lname,Pnumber,Address,Bdate,Ssn
FROM ((Project JOIN Department ON Dnum=Dnumber) JOIN Employee ON
Mgrssn=Ssn)
WHERE Plocation='Stafford'
```

Stafford bolgesinde bulunan projelerde calisan employeeeler arasindan o departmanin yoneticisi olani getir

FARKLI VERSIYONLAR

```
SELECT *
FROM Project as P,Department as D,Employee as E,Works_on as W
WHERE Plocation='Stafford' AND P.Dnum=D.Dnumber AND E.Ssn=D.Mgrssn AND W.Essn=E.Ssn
```

```
SELECT DISTINCT Fname,Lname,Pnumber,Address,Bdate
FROM Project as P,Department as D,Employee as E,Works_on as W
WHERE Plocation='Stafford' AND P.Dnum=D.Dnumber AND E.Ssn=D.Mgrssn AND W.Essn=E.Ssn
```

Aggregate Functions

```
SELECT SUM(Salary) as Maaslar_Toplami,MAX(Salary) as
En_Yuksek_Maas,AVG(Salary) as Ortalama_Maas
FROM Employee
```

```
SELECT SUM(Salary) as Maaslar_Toplami,MAX(Salary) as
En_Yuksek_Maas,AVG(Salary) as Ortalama_Maas
FROM (Employee JOIN DEPARTMENT ON Dno=Dnumber)
WHERE Dname='Research'
```

```
SELECT *
FROM Employee as E,Department as D
WHERE E.Dno=D.Dnumber
```

```
SELECT COUNT(*)
FROM Employee as E,Department as D
WHERE E.Dno=D.Dnumber
```

```
SELECT COUNT(*)
FROM (EMPLOYEE as E JOIN DEPARTMENT as D)
WHERE E.Dno=D.Dnumber AND D.Dname='Research'
```

```
SELECT COUNT(*)
FROM Employee as E,Department as D
WHERE E.Dno=D.Dnumber AND D.Dname='Research'
```

GROUP BY

```
Select Dno,Count(*) as Toplam_Isci,AVG(Salary)
FROM Employee as E,Department as D
WHERE E.Ssn=D.Mgrssn
Group By Dno
```

```
select *,Count(*)
from employee as e,dependent as d
where e.Ssn=d.Essn
group by Fname
order by Fname
HER Employee'nin sahip oldugu dependent sayisini veriyor.
```

```
select Dname,AVG(Salary)
FROM Department as D,Employee as E
Where D.Dnumber=E.Dno
Group By Dname
```

HER GRUBUNUN CALISANLARININ TOPLAM MAASLARINI ALIYOR.

```
select *,COUNT(*)
from Department AS D,Employee AS E
WHERE D.Dnumber=E.Dno
Group By dname
Her departmanda calisan toplam isci sayisini veriyor.
```

```
select Pnumber,Pname,COUNT(*)
from Project as P,Works_on as W,Employee as E
where P.Pnumber=W.Pno AND E.Ssn=W.Essn
group by pnumber,pname
```

```
Select Pnumber,Pname,Count(*)
From (project join works_on)
Where Pno=Pnumber
group by Pnumber,Pname
```

HER PROJENIN KARSISINA ORADA KAc IscI cALIsIYOR YAZ

```
Select *,Count(*)
From ((project as p join works_on as w on w.Pno=p.Pnumber) join employee as
e on e.Ssn=w.Essn)
Where Pno=Pnumber
group by Pnumber,Pname
Yukaridakinin aynisi
```

HAVING

```
Select Pnumber,Pname,Count(*)
From (project join works_on)
Where Pno=Pnumber
group by Pnumber,Pname
having count(*)>2
2 taneden fazla calisani olan projeler
```

```
select *,COUNT(*)
from Department AS D,Employee AS E
WHERE D.Dnumber=E.Dno
Group By dname
Having count(*)>=2
2 taneden fazla calisani olan departmentlari buluyor.
```

```
select Dname,AVG(Salary)
FROM (Department as D JOIN Employee as E ON D.Dnumber=E.Dno)
Group By Dname
```

```
select Dname,AVG(Salary)
FROM Department as D,Employee as E
Where D.Dnumber=E.Dno
Group By Dname
```

HER GRUBUNUN cALIsANLARININ TOPLAM MAASLARINI ALIYOR.

```
select *
FROM Department as D,Employee as E
WHERE D.Dnumber=E.Dno
```

Her departman icin ayri ayri o departmanda kimin calistigini yazar.

```
Select *,COUNT(*)
FROM Department as D,(select * from Employee where salary>40000) as E_Temp
Where D.Dnumber=E_Temp.Dno
Group By Dname
```

Departmentlari icerisindeki employeelerin 40.000 den fazla maas iceren durumlarına göre grupta
Ve bu departmentlar için bu koşulda kaç employee var karsısına yaz.

Elmasrının Sundugu çözüm (NULL Gosteriyor)

```
Select Dnumber,COUNT(*)
FROM Department,Employee
where Dnumber=Dno AND Salary>40000 AND (select Dno from Employee Group By
Dno Having COUNT(*)>5)
```

Benim çözümüm

```
Select *,Count(*)
FROM Department as D,(select * from Employee where salary>=40000) as E_Temp
Where D.Dnumber=E_Temp.Dno
Group By Dname
Having Count(*)>=2
order by dname
```

```
With BigDepts(Dno) AS (select dno from employee group by dno having
count(*)>5)
```

```
Select *,Count(*)
FROM Employee
Where Salary>40000 AND Dno IN BigDepts
Group by dno HATALI
```