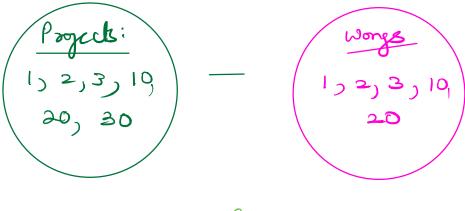
```
Query: Lest project #8 that involve an emp
whose iname = worg either as a worker or
as a manager of the dept that controls the
porect.
      Output & 15 2, 3, 10, 203
 Select Pnumber
 from Project, Department, Employee
 where ( mggssn = SSN and
          Lnene = 'wong' and
           Drun = Drumber)
       UNION
 Select Pro
  from works on, Emp
  where (Essn = SSN and Lname = 'wong');
 Another solution?
  Select DISTINCT Prumber
  from Project, Department, Emp, Workson where (Drum = Drumber and
           mgressn = ssN and
           Lrane = wong')
        ( Essn = 88n and Lname = 'wong');
```

Query Solect projects that do not have 'wong' as a worker or manager.



SQL does not have - or 1

IN operator = relational calculus

E, &

NOT IN

A= { 2, y, = }

XEA TRUE ZEA False w & A False w & A True

Solect Frame Query: from Emp where Dno IN (4,5); Nested Query: Query: List Frame of emp who work in depts located in 'Strfford' or Bellaire'. Select France from Emp where Dno IN > {4,5} (Select Dnumber. from Dept-Location where blocation = 'Stafford' or Dlocatron = Bellove); Query: List emp France without dependents. Solect Frame

Colect Frame
from Emp
where SSN NOT IN

(Salect essn from Dependent);