Query: List the Lname of emp who earns the maximum salary.

Bog 55000

- 1) Solect Lname, max(sal) X South 550000
  from Emp;
- 2) Select Lname, max(sal)

  from Emp

  where salary = max(sal); X

  having salary = max(sal); X
- 3) Solect Lhame, max(sal)

  from Emp

  Group By SSN

  HAULING max (salary);
- Solect LName, Salary
  from Emp
  where SALARY IN =

  (Solect max (salary) from Emp);

Query: Let the dept # of emp who earns min salary.

Select Dro

from Emp

where salary =

## ( Select min (salony ) from Emp);

Query: Now select the Lname of emp that are in the dept where sal = min (salary).

Salect Lname
from Emp
where Dno IN

(Salect Dno
from Emp
where Salary =

(Salect min (salary) from Emp));

Query: For each department, retrieve the Dro & the # of emp who earn > 40000.

Dro	Count (*)
4	1
<u> </u>	

from Emp where salary > 40000 Group by Dro; HAVING court (\*) > 1;

Emply set

Query 2: For each dept with > 1 emp, rebrieve Dro & the number of emp who earn > 40000.

Dro Count (\*)

Select E. Dno, Count(\*)

from Emp E

where E. Salary > 40000

AND EXIST

(Select \*

from Emp E)

where E. Dno = El. Dno

Group by El. Dno

HAVING count(\*)>)

Group by E. Dno;

AND E. Dro IN

(Salect El. Dro

from Emp El

Group by El. Dro

having count(2)>1)

Query: For every department with >1 emp earning <30000, list the # of emp.

Dno Gorent (\*)
4 3

Solect Dro, Court (\*)

from Emp E

where E. Dro IN

(Select EI. Dro

from Emp EI

where EI. 8 alary < 30000

Group by EI. Dro

HAVING Court (\*) >1)

Group by E. Dro;

Solect Lname, Frame

from Emp

where Salary >

(Salect max (Salary) from Emp where Dno = 5)

Solect Lname, Frame

from Emp

where Salary >

ALL (Solect Salary from Emp where Dno = 5)

ROLL UP
Select Dro, Sum (Balary), Arg (8 alary)

```
from Emp
Group By Dno
 with ROLLUP;
       Dort Sum Avg
        55000 55000
          93000 310<del>00</del>
          133 800 33 250
        NUL 281000 35125
       SUMMary 281000 35125
Solvet IFNULL (Dno, Summary) AS Dopt, Sum (Sal), Aug (Sal)
from Emp
Group by Dro
 with ROLLUP;
 Solvet Dros SSNs
   sum (solony) over () As Grand Total,
   sum (salary) OVER ( Partition by Dro) AS Dept Total
from Emp;
               Grand Total Dept Total
          SSN
     Dno
         8886 281000
                               55000
```

4 9876 281000 93000

4	9879	28100D	93000
4	9998	281000	93000
5	1234	28/000	133000
5	3334	281000	133000
5	4534	281000	600 हरी
5	6668	28/000	13300

## x -- x -- x

Select Dname, Dlocation from Dept left Join Dept Location on Dept. Dnumber = Dept Loc. Dnumber;

Select Drame, Discalion
from Dept Left Join DeptLocation
USING (Dnumber);