The Algazing An ( on wonderfrom (RI X R2 X ···· X Rm))

## Quiz 3 on Wednesday on RA only. No sqt.

Query: List Lname of emp in dept 5 who work more than 10 & less than 20 has on 'Product X'.

Select distinct Lname

from Emp, works, forgect
where ESSN = SSN and Pho = Pnumber
and Pname = 'Product x' and dno = 5
and (hours between 10 and 20);

Select Drame, Frame Drame Frame
from Department, Emp Admin Ahmed
where Drumber = Dro
ORDER BY Drame, Frame;

Jennifer

```
Head
                                                James
Default ordering: ascending
                                       Res
                                                Frank
                                                John
                                       Res
ORDER BY Drame Desc, Frames ASC; Res
                                                Toyce
                                                Ramesh
                                       Res
 Modifying database:

INSERT DELETE UPDATE
Insert Into Employee
Values ('John', 'M', 'smith', '1235'......)
 Insert into Emp (Frame, Lname, Dno, ....)
Values ('Rick', 'Smith', 5, ....)
 Delete from Emp
 where Lname = 'Smith';
 Delete form Emp; - delete all rows
  update Project
Set Prame = 'Product yyy'
   where Pnumber = 3;
  Updala Project
   Set Prame = 'Product 949' and (Drum = 3)
```

where pminber = 3

Rename Table EmployEE TO Empj permanent rename -> next time you login

Query: List the Frame of emp as Ename & Frame of emp's supervisor as Sname if supervisors have is 'wong' or 'Borg'.

Select E. Frame AS Ename, S. Frame AS Solme From Emp E, Emp S where (S. Lname = 'Wong' or S. Lname = 'Borg') and S. SSN = E. Superson;

E. Frank Erank, S. Frank S. Name

## nolun

Select E: Frame Ename, S. Frame Sname from Emp E, Emps where S. Lorame = Worg and S.SSW = E. SuperSSN UNION

Solect E. Frank Ename, S. Frank Sname from Emp E, EmpS where S. Lrame = 'Boog' and S. SSN = E. SuperSSN' Query: List all emp who leve in Howston, TX.

Select Frame

from Emp

where Address LIKE '% Howston, TX';

Query: Show the effect of 10/ raise in salary.

Select Franc, 1-1 \* Salony as Raised Sal from Emp;

Chapter 6.3, 6.4, 7.

Quey: Lest emp who do not have a supervisor.

Select Franc
from Employee
where superssn IS NULL.
IS NOT

Query: Select \*

from works-on

where hours >10 or hours \le 10;

Query: Solect \*

from works-on

where (hours >10 or hours \le 10)

OR Pno >0;

AND Pho > 05 - 15 nows