-- Query 1------

;

select F\_NAME , L\_NAME

from EMPLOYEES

where ADDRESS LIKE '%Elgin,IL%' ;

--Query 2--

;

select F\_NAME , L\_NAME

from EMPLOYEES

where B\_DATE LIKE '197%' ;

---Query3--

;

select \*

from EMPLOYEES

where (SALARY BETWEEN 60000 and 70000) and DEP\_ID = 5 ;

--Query4A--

;

select F\_NAME, L\_NAME, DEP\_ID

from EMPLOYEES

order by DEP\_ID;

--Query4B--

;

select F\_NAME, L\_NAME, DEP\_ID

from EMPLOYEES

order by DEP\_ID desc, L\_NAME desc;

--Query5A--

;

select DEP\_ID, COUNT(\*)

from EMPLOYEES

group by DEP\_ID;

--Query5B--

;

select DEP\_ID, COUNT(\*), AVG(SALARY)

from EMPLOYEES

group by DEP\_ID;

--Query5C--

;

select DEP\_ID, COUNT(\*) AS "NUM\_EMPLOYEES", AVG(SALARY) AS "AVG\_SALARY"

from EMPLOYEES

group by DEP\_ID;

--Query5D--

;

select DEP\_ID, COUNT(\*) AS "NUM\_EMPLOYEES", AVG(SALARY) AS "AVG\_SALARY"

from EMPLOYEES

group by DEP\_ID

order by AVG\_SALARY;

--Query5E--

;

select DEP\_ID, COUNT(\*) AS "NUM\_EMPLOYEES", AVG(SALARY) AS "AVG\_SALARY"

from EMPLOYEES

group by DEP\_ID

having count(\*) < 4

order by AVG\_SALARY;

--5E alternative: if you want to use the label

select DEP\_ID, NUM\_EMPLOYEES, AVG\_SALARY from

( select DEP\_ID, COUNT(\*) AS NUM\_EMPLOYEES, AVG(SALARY) AS AVG\_SALARY from EMPLOYEES group by DEP\_ID)

where NUM\_EMPLOYEES < 4

order by AVG\_SALARY;

--BONUS Query6--

;

select D.DEP\_NAME , E.F\_NAME, E.L\_NAME

from EMPLOYEES as E, DEPARTMENTS as D

where E.DEP\_ID = D.DEPT\_ID\_DEP

order by D.DEP\_NAME, E.L\_NAME desc ;