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SQL REVIEW

1. SELECT count(*)

FROM employee

WHERE sex = 'F'

2. SELECT AVG(salary),MIN(salary),MAX(salary)

FROM employee

WHERE sex = 'M'

3. SELECT fname, lname, pname

FROM employee, project, works_on

WHERE ssn = essn AND pnumber = pno

4. SELECT pname, dname

FROM project, department

WHERE dnum = dnumber

5. SELECT pname, dname, fname, lname

FROM project, department, employee

WHERE dnum = dnumber AND mgr_ssn = ssn

6. SELECT fname, lname

FROM employee, project, works_on

WHERE pname = 'ProjectX' AND pno = pnumber AND ssn = essn

7. SELECT fname, lname, MAX(salary)

FROM employee

WHERE sex = 'M'

GROUP BY salary, fname, lname

ORDER BY salary DESC

LIMIT 1

8. SELECT fname, lname

FROM employee

WHERE NOT EXISTS (SELECT *

FROM works_on

WHERE essn = ssn)

This just returns no data found which I think is right because there are not employees that don't work on any projects, so I think this is right but I am not sure

9. SELECT fname, lname, count(*)

FROM employee, dependent

WHERE ssn = essn

GROUP BY fname, lname

HAVING count(*) > 1

10. SELECT e.fname, e.lname, m.fname, m.lname

FROM employee e, employee m

WHERE e.super_ssn = m.ssn