

SQL Review - Nathan Hartzell

1.
SELECT count(*)
FROM EMPLOYEE
WHERE Sex = 'F';
2.
SELECT AVG(salary) as Avg_salary , min(salary) as Min_salary, max(salary) as Max_salary
FROM EMPLOYEE
WHERE Sex = 'M';
3.
SELECT Fname, Pname
FROM (EMPLOYEE JOIN WORKS_ON ON Ssn = Essn JOIN PROJECT ON Pno = Pnumber)
4.
SELECT Pname, Dname
FROM (PROJECT join DEPARTMENT on Dnum = Dnumber);
5.
SELECT Pname, Dname , Fname, Lname
FROM (PROJECT join DEPARTMENT on Dnum = Dnumber join EMPLOYEE on Mgr_ssn = Ssn)
6.
SELECT Fname, Lname
FROM (PROJECT join WORKS_ON on Pnumber = Pno join EMPLOYEE on Essn = Ssn)
WHERE Pname = 'ProjectX';
7.
SELECT Fname, Lname
FROM EMPLOYEE
WHERE Salary in(select Max(Salary) from EMPLOYEE);
8.
SELECT Fname, Lname
FROM EMPLOYEE
WHERE not exists (select * from EMPLOYEE join WORKS_ON on Ssn = Essn)
9.
SELECT Fname, Lname
FROM EMPLOYEE
WHERE (select COUNT(*) from DEPENDENT where Ssn = Essn) >1;
10.
SELECT E.Fname as Employee_Name, M.Fname as Manager_Name
FROM (EMPLOYEE as E join DEPARTMENT as D on E. Dno = D. Dnumber and E.Ssn=
D.Mgr_Ssn)