

SQL Assignment 2

1. List employee names, their department names as well as department numbers.

Solution : Select lastname, deptname, deptno
From emp,dept
Where emp.workdept = dept.deptno;

2. How many different departments are there in which the employees are working?

Solution: Select count (distinct workdept)
From emp;

3. List names and phone numbers of all employees who are either from Department A00 or have 16 years of formal education.

Solution: Select lastname, phone
From emp
Where workdept= 'A00' OR
Education = 16;

4. List the name and sex of every employee whose last name begins with "Jo".

Solution: Select lastname, sex
From emp
Where lastname like "JO%";

5. List names of employees who are managers (use EXISTS).

Solution: Select lastname, job
From emp
Where exists
(select *
From dept
Where emp.empno =
Managerno);

6. List department(s) which has/have no manager(s) yet.

Solution: Select deptname

From dept

Where managerno =

7. Create a view called PAYROLL for all employees, including first name, last name, department and salary.

Solution: Create view Payroll as

Select firstname, lastname, workdept, salary

From emp;

8. List all records in the PAYROLL.

Solution: Select * From payroll;

9. Create a view called MGMTEAM (Management Team) under President Haas, including employee number, last name, job, salary, department name and project name (Haas's record should be excluded).

Solution: Select view mgmteam as

Select distinct empno, lastname, job,

Salary, deptname, projname

From emp, dept, proj

Where emp.workdept = dept.deptno

And dept.deptno = proj.deptno

And job in ('MANAGER');

10. List all records in the MGMTEAM.