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SECTION: N

COURSE: INTRODUCTION TO DATABASE

Exercise:

1. **Write a query to display the name, department number for all employees.**

Ans: select ename, deptno
 from emp

2. **Create a unique listing of all jobs that are in department 30.**

Ans: select job, deptno
 from emp
 where deptno = 30

3. **Include the location of department 30 in the output.**

Ans: select deptno, loc
 from dept
 where deptno =30

4. **Write a query to display the employee name, employee no of all employees who earn a commission.**

Ans: select empno, ename
 from emp
 where comm IS NOT NULL

5. **Display the employee name and department no for all employees who have an A in their name.**

Ans: select ename, deptno
 from emp
 where ename like '%A%'

6. **Create a query to display the name and salary of employees earning more than \$2850.**

Ans: select ename, sal
 from emp
 where sal> 2850

7. **Create a query to display the employee's name and department number for employee number 7566.**

Ans: select ename, deptno
 from emp
 where empno = 7566

8. **Display the employee name, job, and start date of employees hired between February 20, 1981, and May 1, 1981. Order the query in ascending order by start date.**

Ans: select ename, job, hiredate
 from emp
 where hiredate between '20-feb-1981' and '1-may-1981'
 order by hiredate

9. **Display the employee name and department number of all employees in departments 10 and 30 in alphabetical order by name.**

Ans: select ename, deptno
 from emp
 where deptno IN (10,30)
 order by ename

10. **Write a query to list the name and salary of employees who earn more than \$1500 and are in department 10 or 30. Label the columns Employee and Monthly Salary, respectively.**

Ans: select ename "Employee", sal "Monthly Salary"
 from emp
 where deptno =10
 OR deptno = 30
 AND sal>1500

11. **Display the name and hire date of every employee who was hired in 1982.**

Ans: select ename, hiredate
 from emp
 where hiredate LIKE '%82'

12. **Display the name and job title of all employees who do not have a manager.**

Ans: select ename, job
 from emp
 where job <>'MANAGER'

13. **Display the name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions**

Ans: select ename, sal, comm
 from emp
 where comm is not null
 order by sal DESC, comm DESC