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|  | **QUESTIONS ON JOINS** |  |
| 1. LIST ENAME, JOB, ANNUAL SAL, DEPTNO, DNAME WHO EARN 30000 PER YEAR AND WHO ARE NOT CLERKS  A:  SELECT ENAME, JOB, SAL\*12 ANNUAL\_SAL, E.DEPTNO, DNAME  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND SAL\*12 >30000 AND JOB NOT IN 'CLERK'; | | |
| 2. LIST OUT THE ALL EMPLOYEES BY NAME AND EMPLOYEE NUMBER ALONG WITH THEIR MANAGER'S NAME AND EMPLOYEE NUMBER  A:  SELECT E1.ENAME, E1.EMPNO, E1.ENAME MNG, E2.EMPNO MNGEMP  FROM EMP E1, EMP E2  WHERE E1.MGR=E2.EMPNO; | | |
| 3. DISPLAY ENAME , DNAME EVEN IF THERE NO EMPLOYEES WORKING IN A PARTICULAR DEPARTMENT.  A:  SELECT ENAME, DNAME  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND E.DEPTNO IS NULL; | | |
| 4. DISPLAY THE DEPARTMENT NAME ALONG WITH TOTAL SALARY IN EACH DEPARTMENT  A:  SELECT DNAME, SUM(SAL)  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  GROUP BY DNAME; | | |
| 5. DISPLAY EMPLOYEE NAME AND DEPARTMENT NAME FOR EACH EMPLOYEE  A:  SELECT ENAME, DNAME  FROM EMP , DEPT  WHERE EMP.DEPTNO=DEPT.DEPTNO; | | |
| 6. DISPLAY LOCATION NAME OF THE EMPLOYEE WHO EARN COMMISSION.  A:  SELECT LOC, ENAME  FROM DEPT D, EMP E  WHERE D.DEPTNO=E.DEPTNO  AND COMM IS NOT NULL; | | |
| 7. DISPLAY DEPT NAME OF THE EMPLOYEE WHO EARN MIN SALARY AND HAVE NO REPORTING MANAGER.  A:  SELECT DNAME , ENAME  FROM DEPT D, EMP E  WHERE SAL IN (  SELECT MIN(SAL) FROM EMP  )  AND MGR IS NULL  AND D.DEPTNO=E.DEPTNO ; | | |
| 8. DISPLAY DEPT NAME,LOC OF ALL THE EMPLOYEES WHO ARE REPORTING TO SMITH.  A:  SELECT DNAME, LOC  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND MGR IN (  SELECT EMPNO  FROM EMP  WHERE ENAME ='SMITH'  ); | | |
| 9. LIST EMPLOYEES WHO ARE WORKING IN RESEARCH DEPT AND THEY ARE MANAGER.  A:  SELECT ENAME  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND JOB IN 'RESEARCH'  AND EMPNO IN (SELECT MGR  FROM EMP);  10. LIST ALL THE DEPT NAME AND LOCATION OF ALL THE SALESMAN MANAGER'S MANAGER.  A:  SELECT DNAME, LOC  FROM DEPT D, EMP E  WHERE D.DEPTNO=E.DEPTNO  AND EMPNO IN (  SELECT MGR  FROM EMP  WHERE EMPNO IN (  SELECT MGR  FROM EMP  WHERE JOB IN 'SALESMAN'  )  ); | | |
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| 11. DISPLAY THE NUMBER OF EMPLOYEES WHO ARE GETTING SALARY LESS THAN THE BLAKE'S MANAGER.  A:  SELECT COUNT(\*)  FROM EMP  WHERE SAL<  (  SELECT SAL  FROM EMP  WHERE EMPNO IN ( SELECT MGR  FROM EMP  WHERE ENAME IN 'BLAKE'  )  ); | | |
| 12. DISPLAY ENAME DNAME OF ALL THE EMPLOYEES WHOSE NAME STARTS WITH S  A:  SELECT ENAME, DNAME  FROM EMP E,DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND ENAME LIKE 'S%'  13. LIST THE EMPLOYEE DEPTNAME AND LOCATION OF ALL THE EMPLOYEES WHO ARE ANALYST,REPORTING TO BLAKE.  A:  SELECT DNAME, LOC  FROM DEPT D, EMP E  WHERE D.DEPTNO=E.DEPTNO  AND MGR=(  SELECT EMPNO  FROM EMP  WHERE ENAME IN 'BLAKE'  ) AND JOB IN'ANALYST' ; | | |
| 14. DISPLAY THE EMPLOYEE NAMES,HIREDATE,COMM OF FORD'S MANAGER  A:  SELECT ENAME, HIREDATE, COMM  FROM EMP  WHERE EMPNO=(  SELECT MGR  FROM EMP  WHERE ENAME IN 'FORD'  ); | | |
| 15. DISPLAY ENAME, DNAME OF ALL THE EMPLOYEES WHOSE SALARY LESS THAN AVG SAL OF DEPT 30  A:  SELECT ENAME, DNAME  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND SAL < (  SELECT AVG(SAL)  FROM EMP  WHERE DEPTNO=30  GROUP BY DEPTNO  ); | | |
| 17. LIST THE DNAME WHO ARE NOT HAVING ANY EMPLOYEE IN IT  A:  SELECT DNAME  FROM EMP E,DEPT D  WHERE E.DEPTNO(+)=D.DEPTNO  AND EMPNO IS NULL;  16. DISPLAY ENAME DNAME AND LOC OF ALL THE EMPLOYEES WHO ARE WORKING FOR JONES  A:  SELECT ENAME, DNAME,LOC  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND MGR= (  SELECT EMPNO  FROM EMP  WHERE ENAME IN 'JONES'  ); | | |
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| 18. DISPLAY EMPLOYEE WHO ARE GETTING SAME COMMISSION  A:  SELECT ENAME  FROM EMP  WHERE COMM IN (  SELECT COMM  FROM EMP  GROUP BY COMM  HAVING COUNT(\*) >1  ); | | |
| 19. DISPLAY ALL THE DEPT NAMES IRRESPECTIVE OF ANY EMPLOYEE WORKING IN IT OR NOT. IF AN EMPLOYEE IS WORKING DISPLAY HIS NAME.  A: | | |
| SELECT ENAME, DNAME  FROM EMP E, DEPT D  WHERE D.DEPTNO=E.DEPTNO(+); | | |
| 20. WRITE A QUERY TO DISPLAY EMPLOYEE NAME, JOB, DNAME, LOCATION OF ALL EMPLOYEES WHO ARE WORKING AS ACTUAL MANAGERS AND | | |
| WORKS AT CHICAGO.  A:  SELECT ENAME, JOB, DNAME, LOC  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND JOB IN 'MANAGER' AND LOC IN 'CHICAGO'; | | |
| 21. LIST THE DEPARTMENT NAMES IN WHICH THE EMPLOYEES ARE HIRED BETWEEN 1ST OF JAN 1981 AND 31ST DEC 1982 WITH SALARY MORE THAN 1800.  A: | | |
| SELECT DISTINCT DNAME  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND HIREDATE BETWEEN '01-JAN-1981' AND '31-DEC-1982'  AND SAL >1800; | | |
| 22. DISPLAY 2ND LEAST SALARY FROM EMPLOYEE TABLE.  A:  SELECT MIN(SAL)  FROM EMP  WHERE SAL >(  SELECT MIN(SAL)  FROM EMP  ); | | |
| 23. LIST THE EMPLOYEES WHOSE ANNUAL SALARY IS GREATER THAN 1500 AND WHO ARE JOINED BEFORE 1982 ONLY.  A: | | |
| SELECT ENAME  FROM EMP  WHERE SAL\*12 >1500  AND HIREDATE <'01-JAN-1982' | | |
| 24. DISPLAY DNAME, LOC, DEPTNO OF EMPLOYEES WHO HAS SAME REPORTING MANAGER  A:  SELECT ENAME, DNAME, LOC, E.DEPTNO, MGR  FROM EMP E, DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND MGR IN (  SELECT MGR  FROM EMP  GROUP BY MGR  HAVING COUNT(\*) >1  ); | | |
| 25. DISPLAY EMPLOYEE NAME ALONG WITH THEIR MANAGER NAME.  A:  SELECT E1.ENAME, E2.ENAME MNG\_NAME  FROM EMP E1, EMP E2  WHERE E1.MGR=E2.EMPNO; | | |
| 26. DISPLAY EMPLOYEE NAME AND HIS DEPT NAME FOR THE EMPLOYEES WHOSE NAME STARTS WITH ‘S’.  A: | | |
| SELECT ENAME, DNAME  FROM EMP E,DEPT D  WHERE E.DEPTNO=D.DEPTNO  AND ENAME LIKE 'S%' | | |
| 27. DISPLAY EMPLOYEES WHO ARE GETTING SAME SALARY.  A:  SELECT SAL,ENAME  FROM EMP  WHERE SAL IN (  SELECT SAL  FROM EMP  GROUP BY SAL  HAVING COUNT(\*)>1  ); | | |