

Question: SQL Queries Based on Table **EMP** and **DEPT** table:

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C:\Program Files\MySQL\MySQL Server 5.1\bin\mysql.exe
mysql> select * From Emp;
+-----+-----+-----+-----+-----+-----+-----+
| empno | ename  | job      | mgr   | hiredate | sal      | comm    | deptno |
+-----+-----+-----+-----+-----+-----+-----+
| 7369  | SMITH  | CLERK    | 7902  | 1980-12-17 | 800.00  | NULL    | 20     |
| 7499  | ALLEN  | SALESMAN | 7698  | 1981-02-20 | 1600.00 | 300.00  | 30     |
| 7521  | WARD   | SALESMAN | 7698  | 1981-02-22 | 1250.00 | 500.00  | 30     |
| 7566  | JONES  | MANAGER  | 7839  | 1981-04-02 | 2975.00 | NULL    | 20     |
| 7654  | MARTIN | SALESMAN | 7698  | 1981-09-29 | 1250.00 | 1400.00 | 30     |
| 7698  | BLAKE  | MANAGER  | 7839  | 1981-05-01 | 2850.00 | NULL    | 30     |
| 7782  | CLARK  | MANAGER  | 7839  | 1981-06-19 | 2450.00 | NULL    | 10     |
| 7788  | SCOTT  | ANALYST  | 7566  | 0197-07-13 | 3000.00 | NULL    | 20     |
| 7839  | KING   | PRESIDENT | NULL  | 1981-11-17 | 5000.00 | NULL    | 10     |
| 7844  | TURNER | SALESMAN | 7698  | 1981-09-08 | 1500.00 | 0.00    | 30     |
| 7876  | ADAMS  | CLERK    | 7788  | 1987-07-13 | 1100.00 | NULL    | 20     |
| 7900  | JAMES  | CLERK    | 7698  | 1981-12-03 | 950.00  | NULL    | 30     |
| 7902  | FORD   | ANALYST  | 7566  | 1981-03-12 | 3000.00 | NULL    | 20     |
| 7934  | MILLER | CLERK    | 7782  | 1982-01-23 | 1300.00 | NULL    | 10     |
+-----+-----+-----+-----+-----+-----+-----+
14 rows in set (0.00 sec)
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```
C:\Program Files\MySQL\MySQL Server 5.1\...
mysql> select * From Dept;
+-----+-----+-----+
| deptno | dname      | loc      |
+-----+-----+-----+
| 10     | ACCOUNTING | NEW YORK |
| 20     | RESEARCH   | DALLAS  |
| 30     | SALES      | CHICAGO  |
| 40     | OPERATIONS | BOSTON   |
+-----+-----+-----+
4 rows in set (0.01 sec)
```

1. Display all the information of the EMP table.
2. Display unique Jobs from EMP table.
3. List the emps in the ascending order of their Salaries.
4. List the details of the emps in ascending order of the Deptno and desc of Jobs.
5. Display all the unique job groups in the descending order.
6. Display all the details of all 'Manager'.
7. List the emps who joined before 1981.
8. List the Empno, Ename, Sal, Deptno of all emps in the ascending order of sal.
9. Display the Empno, Ename, job, Hiredate of all Manager.

10. List the Empno, Ename, Sal, Exp of all emps working for Mgr 7369.
11. Display all the details of the emps whose Comm. Is more than their Sal.
12. List the emps in the ascending order of Designations of those joined after the second half of 1981.
13. List the emps along with their Exp and Daily Sal is more than Rs.100.
14. List the emps who are either 'CLERK' or 'ANALYST' in the Desc order.
15. List the emps who joined on 01-05-1981, 03-12-1981,17-12-1981, 19-01-1980 in ascending order of seniority.
16. List the emp who are working for the Deptno 10 or20.
17. List the emps who are joined in the year 81.
18. List the emps who are joined in the month of Aug 1980.
19. List the emps Who Annual sal ranging from 22000 and 45000.
20. List the Enames those are having five characters in their Names.
21. List the Enames those are starting with 'S' and with five characters.
22. List the emps those are having four chars and third character must be 'r'.
23. List the Five character names starting with 'S' and ending with 'H'.
24. List the emps who joined in January.
25. List the emps who joined in the month of which second character is 'a'.
26. List the emps whose Sal is four digit number ending with Zero.
27. List the emps whose names having a character set 'll' together.
28. List the emps those who joined in 1980's.