
SQL-Lab 01

Instructions:

- Work on this lab individually. Discussion is not allowed.
- Evaluation of tasks will be conducted in lab.
- Anyone caught being indulged in the act of plagiarism would be awarded an “F” grade in this lab.

USE THE FOLLOWING TABLE:

EMP (EMPNO, ENAME, JOB, SAL, HIREDATE, COMM, MGR, DEPTNO)

PERFORM THE FOLLOWING QUERIES:

1. LIST ALL ROWS OF THE TABLE EMP.
2. LIST ALL EMPLOYEES NUMBER AND EMPLOYEES NAMES FROM EMP.
3. LIST ALL DISTINCT JOBS FROM EMP.
4. LIST THE EMPLOYEES DATA IN THE FORMAT: SMITH IS A CLERK.
5. LIST EMPLOYEES NAMES, SAL AND ANNUAL SAL FROM EMP TABLE.
6. DEVELOP A SALARY SHEET FROM EMP TABLE CONSISTING OF EMPNO, ENAME, JOB, SAL, COMM, HOUSE RENT COMPUTED AT 25% OF SAL, MEDICAL ALLOWANCE AT 15% OF SAL, TRANSPORT ALLOWNACE AT 10% OF SAL AND NET SALARY CONSISTING OF SAL, HOUSE RENT, MEDICAL ALLOWANCE, TARANSPORT ALLOWANCE AND COMM. OF THE EMPLOYEES.
7. LIST ALL EMPLOYEES WHO ARE MANAGERS.
8. LIST ALL EMPLOYEES WHO ARE EITHER MANAGER OR CLERK.
9. LIST ALL EMPLOYEES WHO ARE MANAGERS OF DEPARTMENT NUMBER 10.
10. LIST ALL EMPLOYEES WHO DO NOT WORK IN DEPARTMENT NUMBER 10, 20.
11. CHANGE THE COLUMN HEADING JOB INTO DESIGNATION.
12. LIST ALL SALESMAN AND ADD 500 RUPEES N EACH SALARY.

13. FIND THE TEN PERCENT OF 'MANAGER' SALARY.
14. LIST ALL RECORDS AS FOLLOWS. SMITH IS CLERK AND HE IS WORKING IN DEPT NO 20 SINCE 12-MAR-1981.
15. LIST ALL EMPLOYEES HAVING FIRST LETTER IN THEIR NAME 'W' OR 'K' AND THEY DON'T BELONG TO DEPARTMENT NUMBER 10 OR 20.