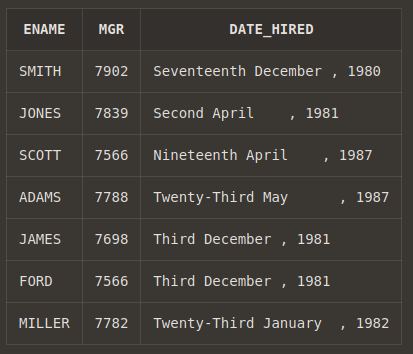
**ASSIGNMENT – 2**

SOHAM DAS

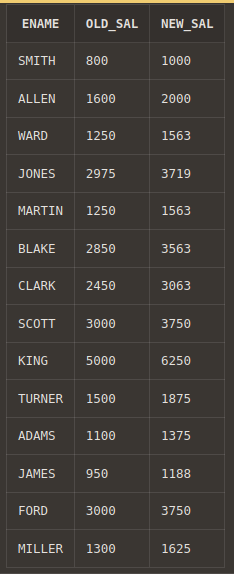
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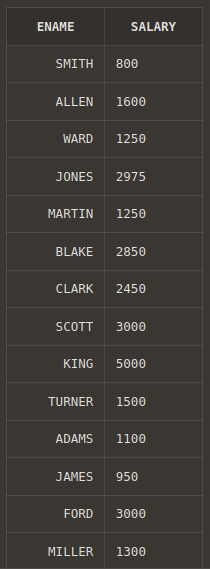
1. SELECT ENAME, MGR, TO\_CHAR(HIREDATE, 'DDSPTH MONTH, YYYY')AS DATE\_HIRED FROM EMP WHERE (JOB = 'CLERK' OR DEPTNO = 20);



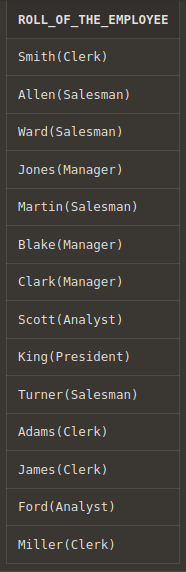
2. SELECT ENAME, SAL AS OLD\_SAL, ROUND(1.25\*SAL) AS NEW\_SAL FROM EMP ;



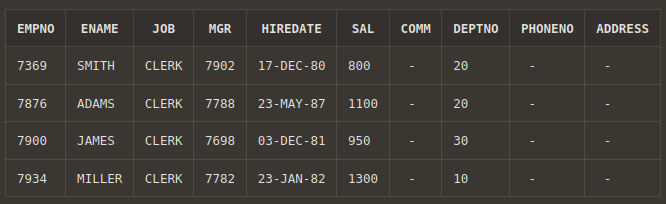
3. SELECT LPAD(ENAME, 10, ' ') AS ENAME, RPAD(SAL,10,' ') AS SALARY FROM EMP ;



4. SELECT CONCAT(CONCAT(INITCAP(ENAME),'('), CONCAT(INITCAP(JOB),')')) AS ROLL\_OF\_THE\_EMPLOYEE FROM EMP ;



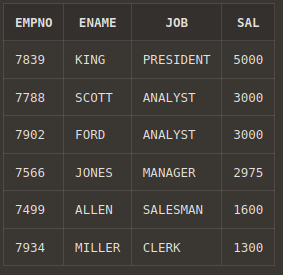
5. SELECT \* FROM EMP WHERE UPPER(JOB)= 'CLERK';



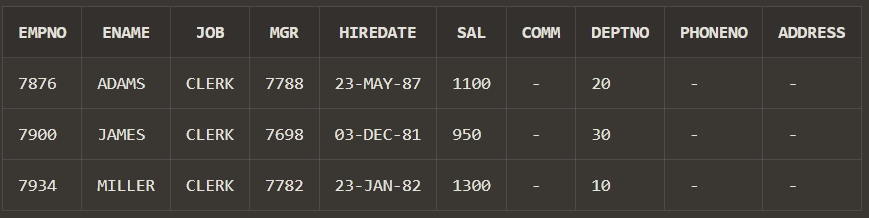
6. SELECT ENAME, HIREDATE, ADD\_MONTHS(HIREDATE,12) AS SALARY\_REVIEW\_DATE FROM EMP ORDER BY SALARY\_REVIEW\_DATE;



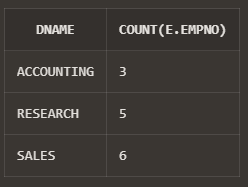
7. SELECT EMPNO, ENAME, JOB, SAL FROM EMP WHERE SAL IN (SELECT MAX(SAL)FROM EMP GROUP BY JOB) ORDER BY SAL DESC;



8. SELECT \* FROM EMP E WHERE HIREDATE IN (SELECT MAX(HIREDATE) FROM EMP WHERE DEPTNO = E.DEPTNO);



9. SELECT D.DNAME, COUNT(E.EMPNO) FROM EMP E, DEPT D WHERE E.DEPTNO =D.DEPTNO GROUP BY D.DEPTNO, D.DNAME ORDER BY D.DEPTNO;



10. SELECT E.EMPNO, E.ENAME, E.SAL, S.GRADE FROM EMP E, SALGRADE S WHERE E.SAL IN(SELECT MAX(SAL) FROM EMP GROUP BY DEPTNO) AND E.SAL BETWEEN S.LOSAL AND S.HISAL ORDER BY E.DEPTNO;

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Description automatically generated

11. SELECT TO\_CHAR(HIREDATE, 'YYYY') AS YEAR, COUNT(EMPNO) AS NO\_OF\_EMPLOYEES FROM EMP GROUP BY TO\_CHAR(HIREDATE, 'YYYY') HAVING COUNT(EMPNO)=(SELECT MAX(COUNT(EMPNO)) FROM EMP GROUP BY TO\_CHAR(HIREDATE, 'YYYY'));

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Description automatically generated

12. SELECT \* FROM(SELECT EMPNO, ENAME,JOB, MGR, HIREDATE,

SAL, COMM, DEPTNO, PHONENO, ADDRESS, ROWNUM RN FROM EMP)

WHERE MOD(RN,2)=1;

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13. SELECT EMPNO,ENAME, SAL+NVL(COMM,0) AS TOTAL\_SALARY FROM EMP;



14. SELECT DISTINCT D.DNAME AS DEPARTMENT, E.JOB AS AVAILABLE\_JOBS FROM EMP E, DEPT D WHERE D.DEPTNO = E.DEPTNO ;



15. SELECT DISTINCT D.DNAME AS DEPARTMENT, E.\* FROM EMP E, DEPT D WHERE D.DEPTNO = E.DEPTNO;

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