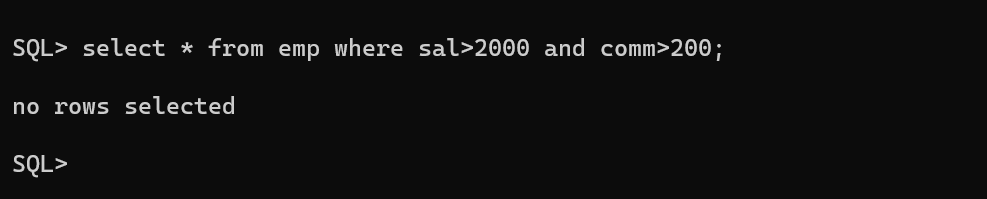
DBMS Assignment 1

--Q1

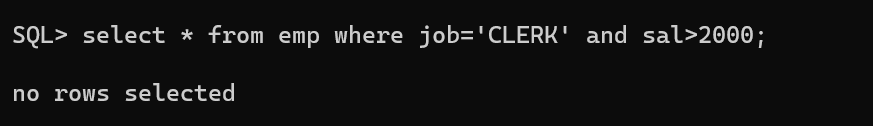
--1

select \* from emp where sal>2000 and comm>200;



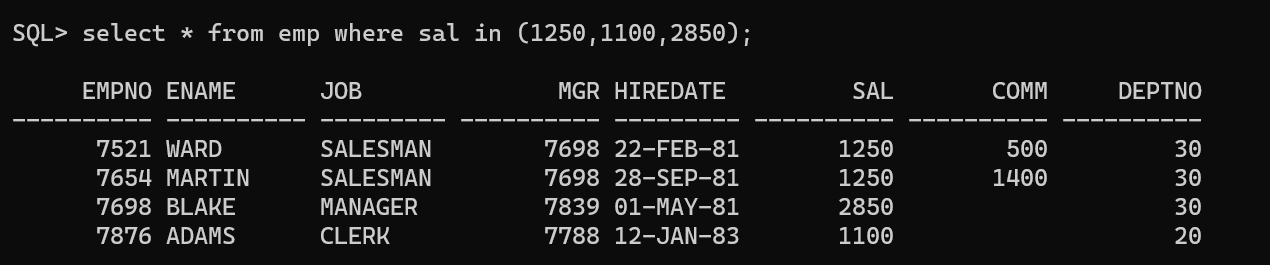
--2

select \* from emp where job='CLERK' and sal>2000;



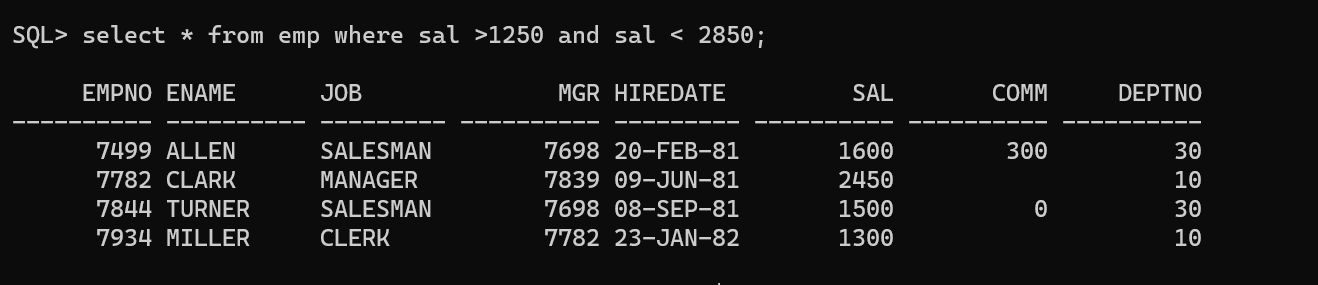
--3

select \* from emp where sal in (1250,1100,2850);



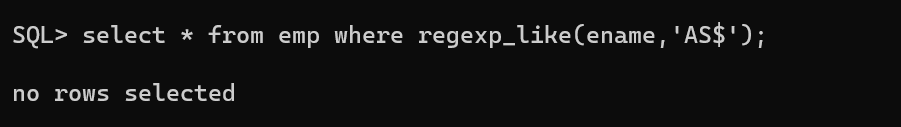
--4

select \* from emp where sal >1250 and sal < 2850;



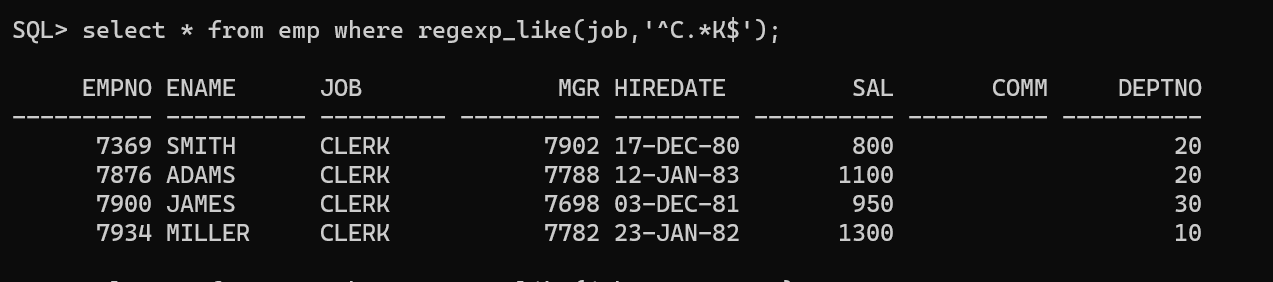
--5

select \* from emp where regexp\_like(ename,'AS$');



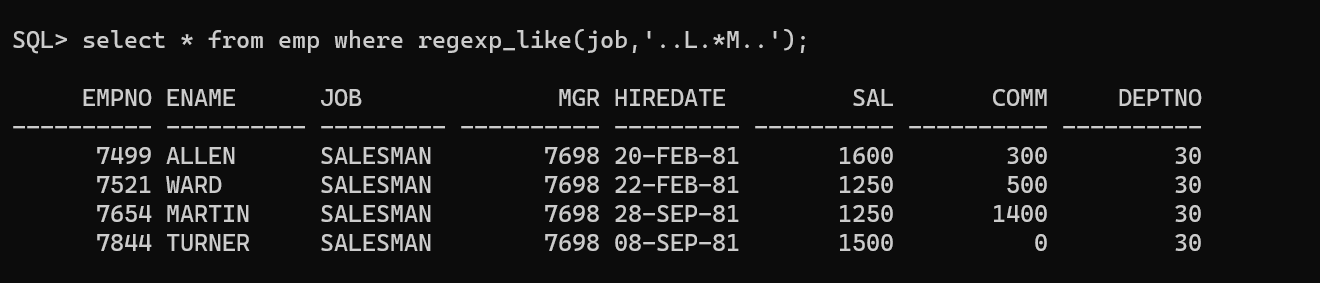
--6

select \* from emp where regexp\_like(job,'^C.\*K$');



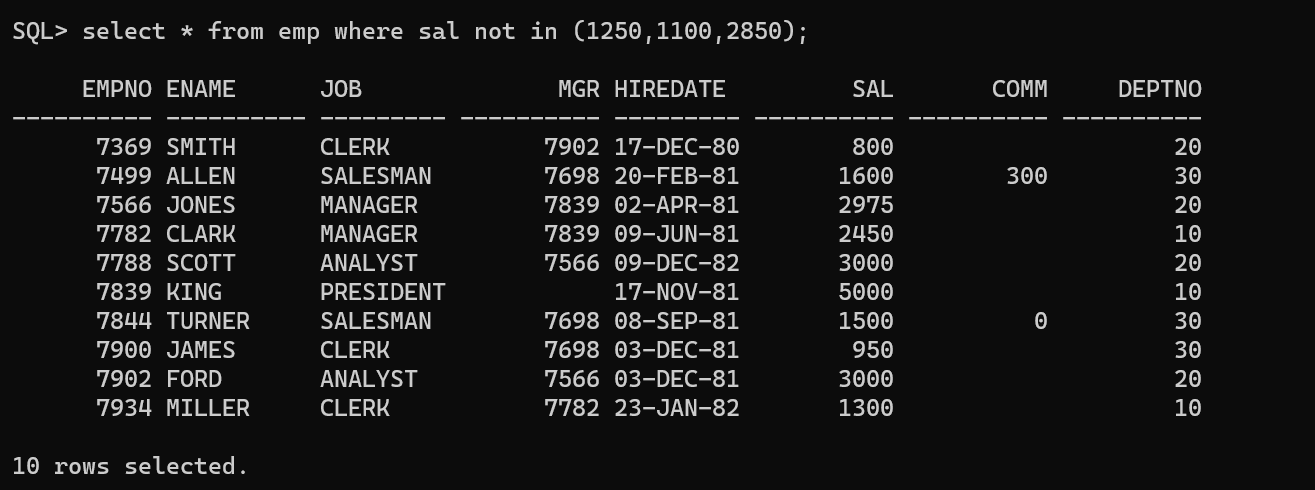
--7

select \* from emp where regexp\_like(job,'..L.\*M..');



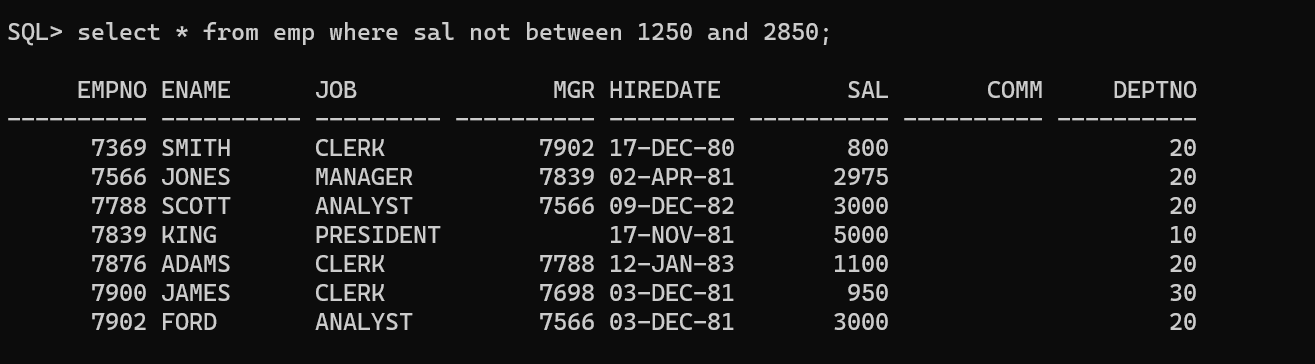
--8

select \* from emp where sal not in (1250,1100,2850);



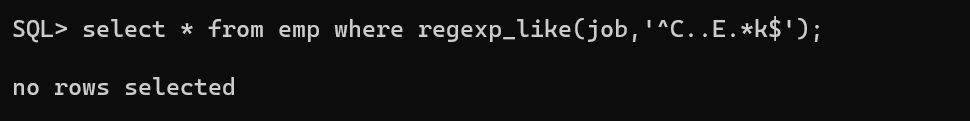
--9

select \* from emp where sal not between 1250 and 2850;



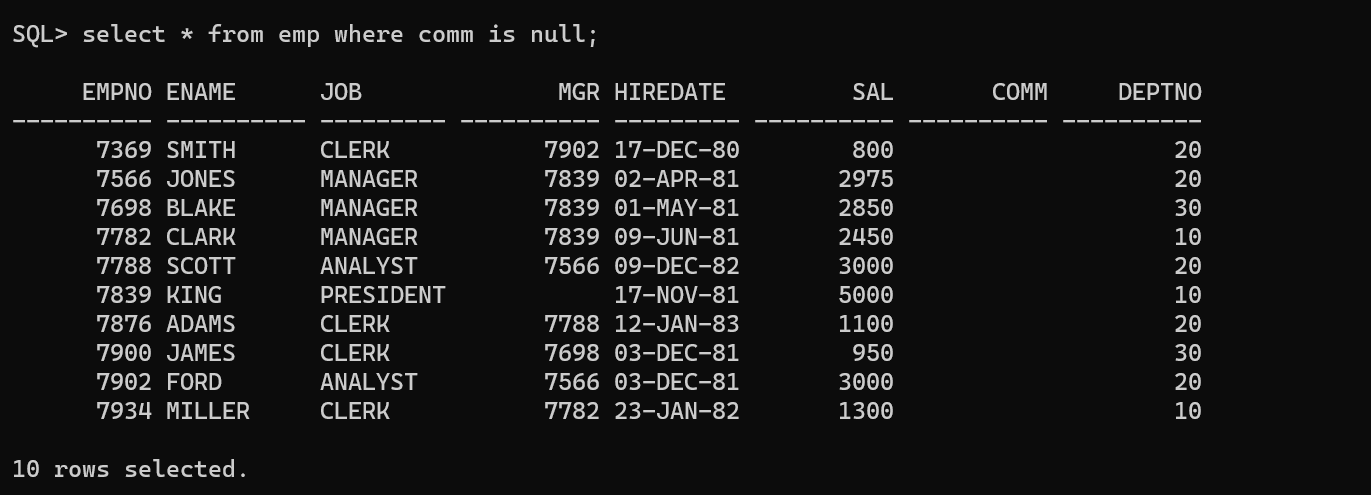
--10

select \* from emp where regexp\_like(job,'^C..E.\*k$');



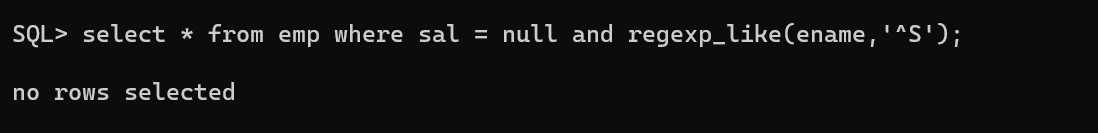
--11

select \* from emp where comm is null;// is operator is used with null



--12

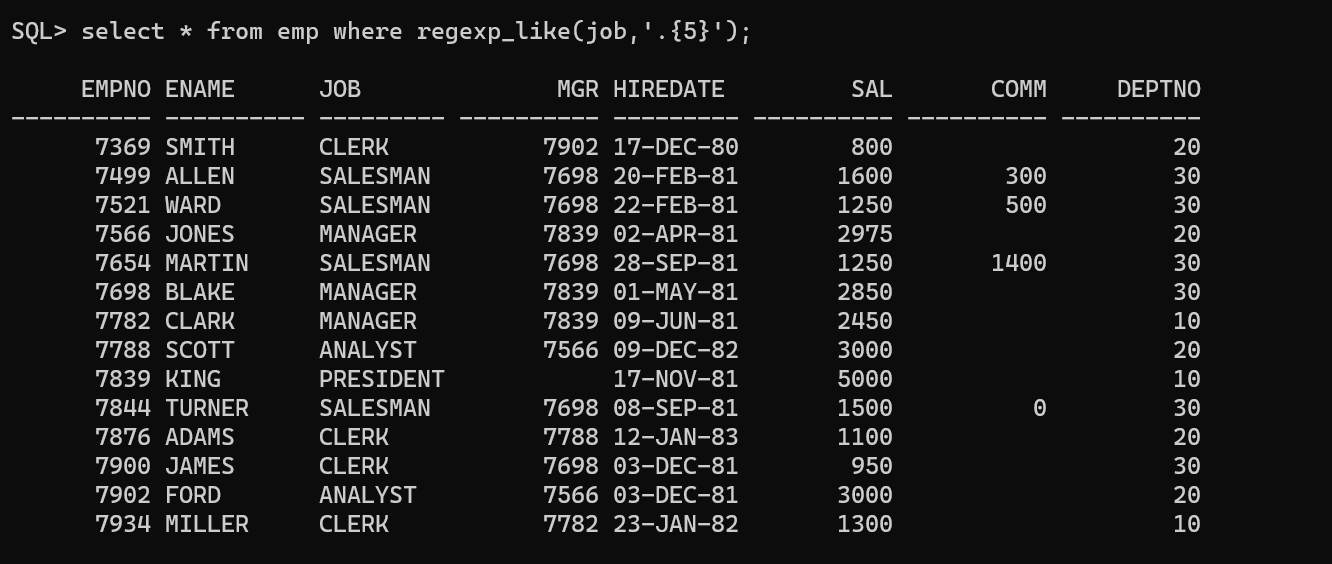
select \* from emp where sal = null and regexp\_like(ename,'^S');



--13

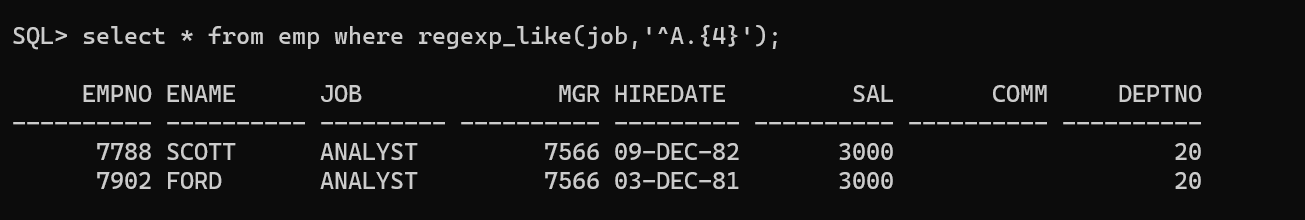
select \* from emp where regexp\_like(job,'.....');

select \* from emp where regexp\_like(job,'.{5}');



--14

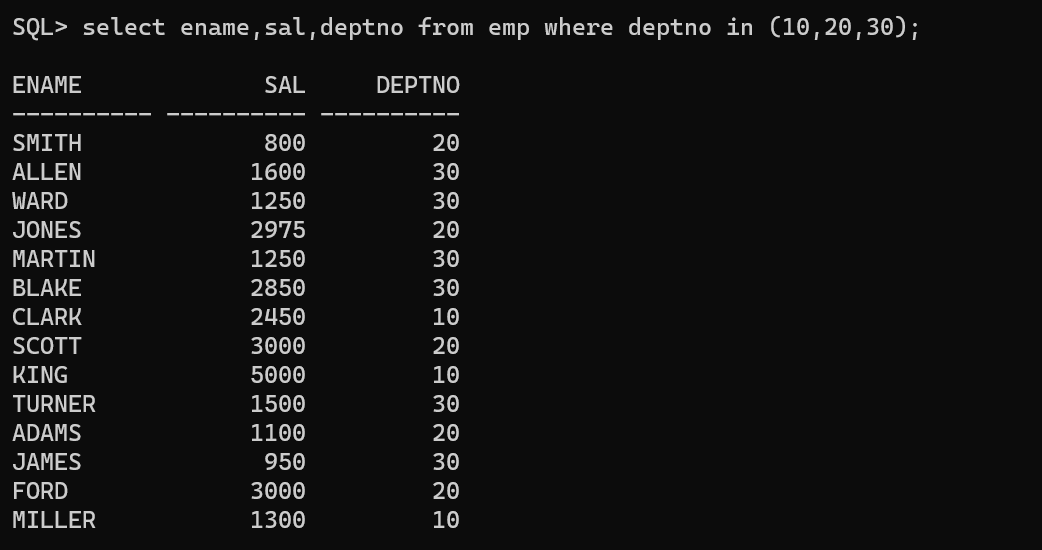
select \* from emp where regexp\_like(job,'^A.{4}');



--Q2

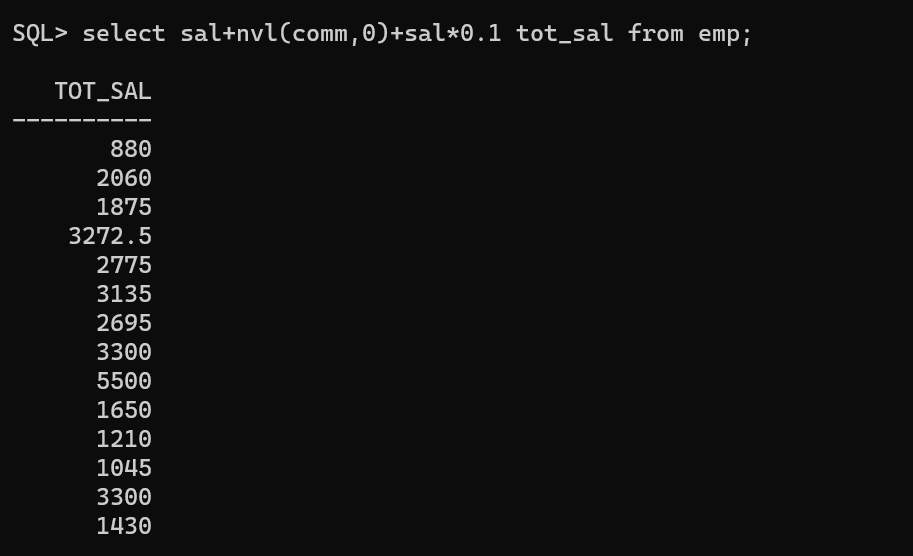
--1

select ename,sal,deptno from emp where deptno in (10,20,30);



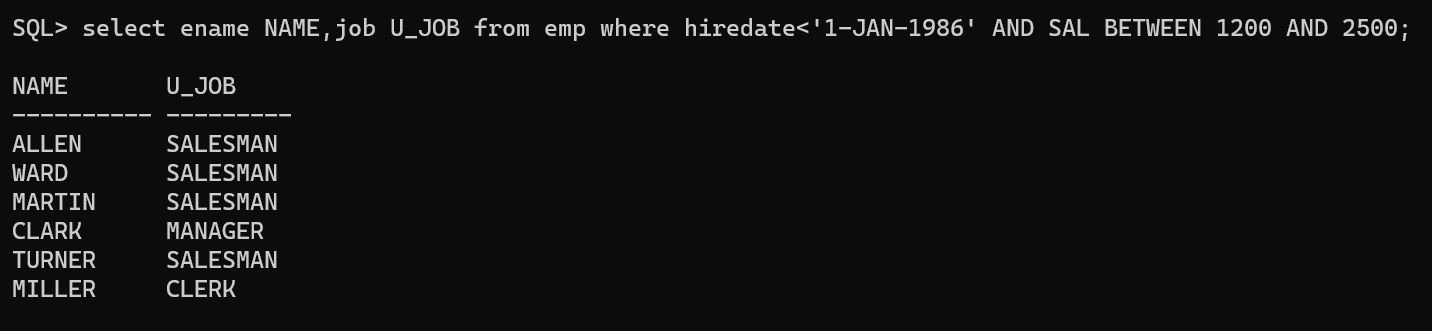
--2

select sal+nvl(comm,0)+sal\*0.1 tot\_sal from emp;



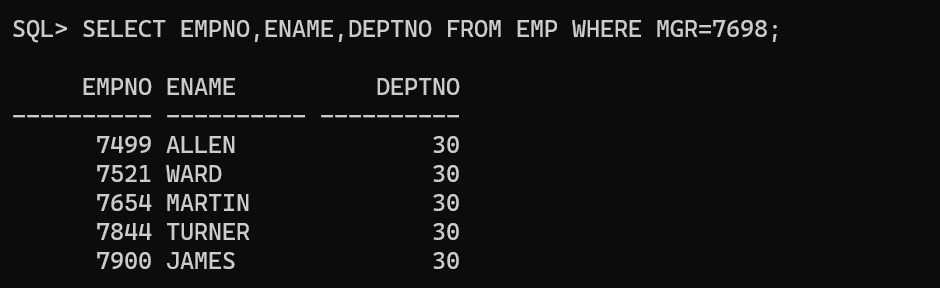
--3

select ename NAME,job U\_JOB from emp where hiredate<'1-JAN-1986' AND SAL BETWEEN 1200 AND 2500;



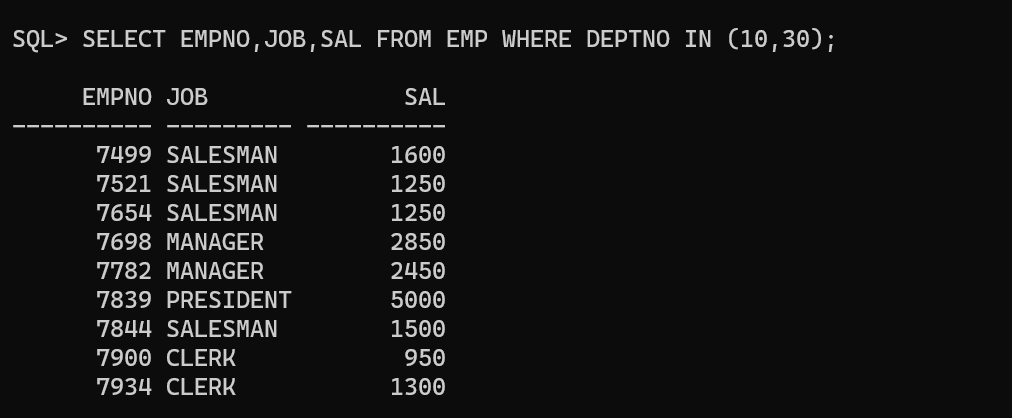
--4

SELECT EMPNO,ENAME,DEPTNO FROM EMP WHERE MGR=7698;



--5

SELECT EMPNO,JOB,SAL FROM EMP WHERE DEPTNO IN (10,30);



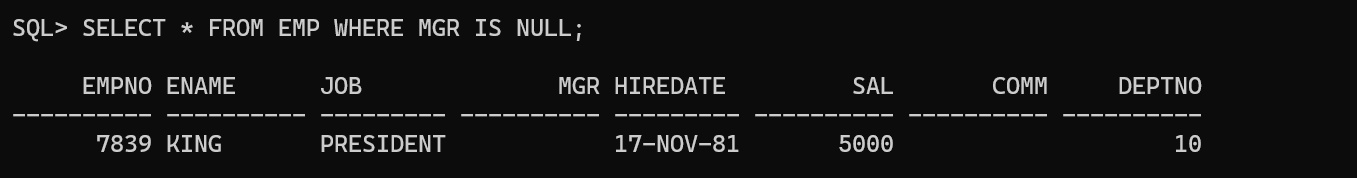
--6

SELECT CONCAT(ENAME,DEPTNO) FROM EMP;



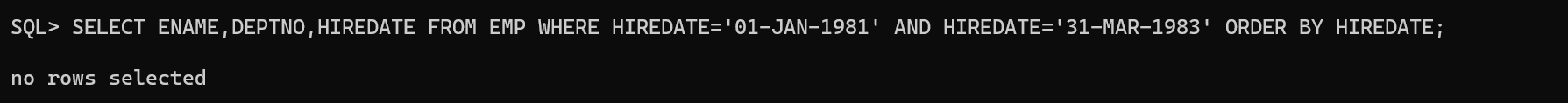
--7

SELECT \* FROM EMP WHERE MGR IS NULL;



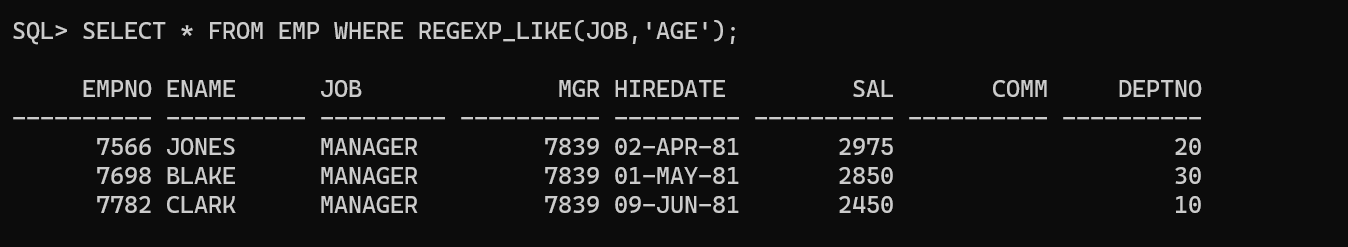
--8

SELECT ENAME,DEPTNO,HIREDATE FROM EMP WHERE HIREDATE='01-JAN-1981' AND HIREDATE='31-MAR-1983' ORDER BY HIREDATE;



--9

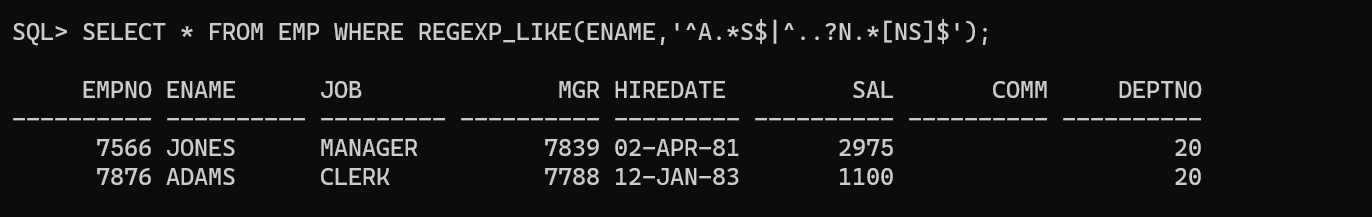
SELECT \* FROM EMP WHERE REGEXP\_LIKE(JOB,'AGE');



--11

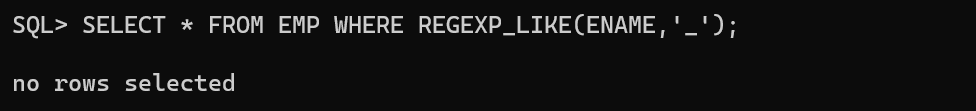
SELECT \* FROM EMP WHERE ENAME LIKE 'A%S' or ((ENAME LIKE '\_N%' or ENAME LIKE '\_\_N%') AND (ENAME LIKE '%N' or ENAME LIKE '%S'));

SELECT \* FROM EMP WHERE REGEXP\_LIKE(ENAME,'^A.\*S$|^..?N.\*[NS]$');



--12

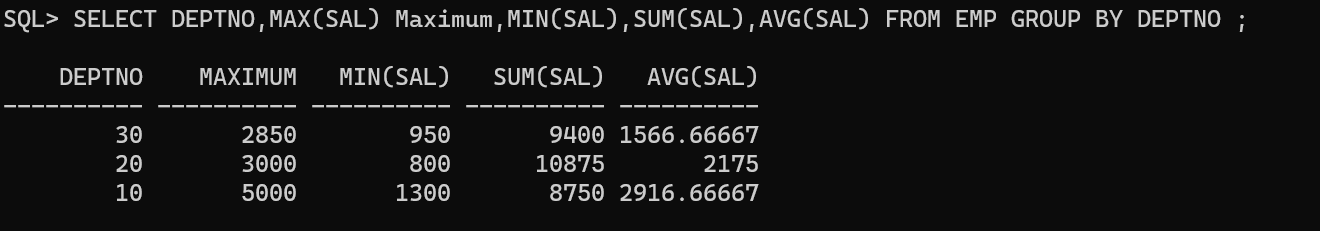
SELECT \* FROM EMP WHERE REGEXP\_LIKE(ENAME,'\_');



Group functions

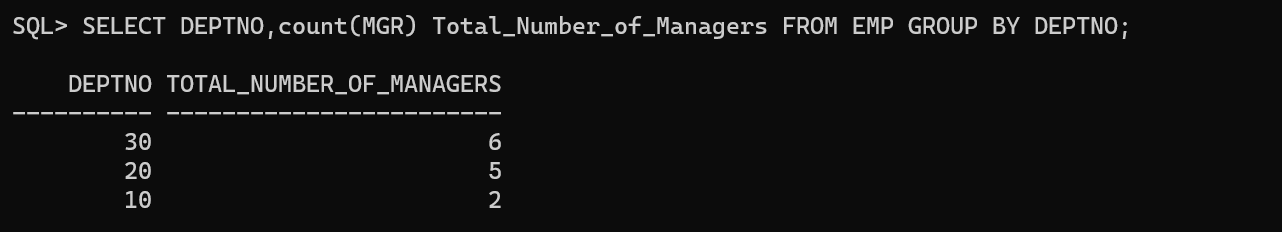
--1

SELECT DEPTNO,MAX(SAL) Maximum,MIN(SAL),SUM(SAL),AVG(SAL) FROM EMP GROUP BY DEPTNO ;



--2

SELECT DEPTNO,count(MGR) Total\_Number\_of\_Managers FROM EMP GROUP BY DEPTNO;



--3

SELECT DEPTNO,SUM(SAL) FROM EMP WHERE JOB !='MANAGER' GROUP BY DEPTNO HAVING SUM(SAL)>20000;

