

USE ONLY SINGLE ROW FUNCTIONS:

1. LIST EMPLOYEES WHOSE NAME HAVING 4 CHARACTERS

```
SELECT ENAME  
FROM EMP  
WHERE LENGTH(ENAME)=4;
```

2. LIST EMPLOYEES WHOSE JOB IS HAVING 7 CHARACTERS

```
SELECT ENAME,JOB  
FROM EMP  
WHERE LENGTH(JOB)=7;
```

3. FIND OUT HOW MANY TIMES LETTER 'S' OCCURS IN 'QSPIDERS'

```
SELECT LENGTH('QSPIDERS')-LENGTH(REPLACE('QSPIDERS','S'))  
FROM DUAL;
```

4. LIST THE EMPLOYEES WHOSE JOB IS HAVING LAST 3 CHARACTERS AS 'MAN'

```
SELECT JOB  
FROM EMP  
WHERE SUBSTR(JOB,-3)='MAN';
```

5. LIST EMPLOYEES WHOSE JOB IS HAVING FIRST 3 CHARACTERS AS 'MAN'.

```
SELECT JOB  
FROM EMP
```

WHERE SUBSTR(JOB,1,3)='MAN';

6. DISPLAY ALL THE NAMES WHOSE NAME IS HAVING EXACTLY 1 'L'

SELECT ENAME

FROM EMP

WHERE LENGTH(ENAME)-LENGTH(REPLACE(ENAME,'L'))=1

OR

SELECT ENAME

FROM EMP

WHERE INSTR(ENAME,'L',1,1)>0 AND INSTR(ENAME,'L',1,2)=0;

7. DISPLAY DEPT NAMES WHICH ARE HAVING LETTER 'O'

SELECT DNAME

FROM DEPT

WHERE INSTR(DNAME,'O',1)>0;

8. DISPLAY THE OUTPUT AS SHOWN BELOW,

SCOTT WORKING AS A CLERK EARNS 3000 IN DEPT 20

SELECT CONCAT(ENAME,CONCAT(' WORKING AS A ',CONCAT(' CLERK EARNS
3000 IN DEPTNO ',DEPTNO)))

FROM EMP

WHERE ENAME='SCOTT';

9. CALCULATE NUMBER OF L IN STRING 'HELLELL'

```
SELECT LENGTH(HELLELL)-LENGTH(REPLACE(HELLELL,'L'))  
FROM DUAL;
```

10. DISPLAY ALL THE EMPLOYEES WHOSE JOB HAS A STRING 'MAN'

```
SELECT JOB  
FROM EMP  
WHERE INSTR(JOB,'MAN',1)>0;
```

11. DISPLAY ALL THE EMPLOYEES WHOSE JOB STARTS WITH STRING 'MAN'

```
SELECT JOB  
FROM EMP  
WHERE SUBSTR(JOB,1,3)='MAN';
```

12. DISPLAY ALL THE EMPLOYEES WHOSE JOB ENDS WITH STRING 'MAN'

```
SELECT JOB  
FROM EMP  
WHERE SUBSTR(JOB,-3)='MAN';
```

13. DISPLAY FIRST 3 CHARACTERS OF ENAME IN LOWER CASE AND REST EVERYTHING IN UPPER CASE.

IF ENAME IS 'QSPIDERS' THEN DISPLAY THIS AS 'qspIDERS'

```
SELECT CONCAT(LOWER(SUBSTR('QSPIDERS',1,3)),  
SUBSTR('QSPIDERS',4)  
FROM DUAL;
```

14. DISPLAY THE RESULT FROM EMP TABLE AS BELOW.

SMITH IS A CLERK AND GETS SALARY 2000

```
SELECT CONCAT(ENAME,CONCAT(' IS A ', CONCAT( JOB , CONCAT(' AND GETS A  
SLARY OF ',2000))))
```

```
FROM EMP
```

```
WHERE ENAME='SMITH' AND JOB='CLERK';
```

15.LIST THE EMPLOYEES HIRED ON A WEDNESDAY

```
SELECT ENAME,HIREDATE
```

```
FROM EMP
```

```
WHERE TO_CHAR(HIREDATE,'DY')='WED';
```

16.LIST THE EMPLOYEES HIRED ON A LEAP YEAR

```
SELECT ENAME
```

```
FROM EMP
```

```
WHERE MOD(TO_CHAR(HIREDATE,'YY'),4)=0;
```

17.LIST THE EMPLOYEES HIRED ON A SUNDAY IN THE MONTH OF MAY

```
SELECT ENAME,HIREDATE
```

```
FROM EMP
```

```
WHERE TO_CHAR(HIREDATE , 'DY')='SUN' AND  
TO_CHAR(HIREDATE,'MON')='MAY';
```

18.WAQTD HIREDATES IN US FORMAT .

```
SELECT TO_CHAR(HIREDATE,'MON-DD-YYYY')
```

```
FROM EMP;
```

19) DISPLAY FIRST HALF OF NAME IN LOWER CASE AND REST IN REVERSE.

```
SELECT  
CONCAT(LOWER(SUBSTR(ENAME,1,LENGTH(ENAME)/2)),REVERSE(SUBSTR(ENAME,LENGTH(ENAME)/2+1)))  
  
FROM EMP;
```

20) WAQTD LAST 3 CHAR OF EMP WHO ARE WORKING AS MANAGER

```
SELECT SUBSTR(ENAME,-3)  
  
FROM EMP  
  
WHERE JOB='MANAGER';
```

21) WAQTD NAME OF THE EMP WHOSE NAME ENDS WITH 'S'

```
SELECT ENAME  
  
FROM EMP  
  
WHERE SUBSTR(ENAME,-1)='S';
```

22) WAQTD NAME OF THE EMP WHOSE NAME ENDS WITH S OR N

```
SELECT ENAME  
  
FROM EMP  
  
WHERE SUBSTR(ENAME,-1)IN ('S','N');
```

23) WAQTD NAME OF EMP IF HIS NAME START WITH VOWEL

```
SELECT ENAME  
  
FROM EMP  
  
WHERE SUBSTR(ENAME,1,1)IN ('A','E','I','O','U');
```

24) WAQTD 1ST HALF OF EMP NAME

```
SELECT ENAME, SUBSTR(ENAME,1,LENGTH(ENAME)/2)
FROM EMP;
```

25)WAQTD 2ND HALF OF EMP NAME

```
SELECT ENAME, SUBSTR(ENAME,LENGTH(ENAME)/2+1)
FROM EMP;
```

26)WAQTD NAME OF EMP WITHOUT 1ST AND LAST CHAR

```
SELECT ENAME, SUBSTR(ENAME,2,LENGTH(ENAME)-2)
FROM EMP;
```

27)WAQTD NAME OF THE EMP WITH CHAR 'A' IN NAME

```
SELECT ENAME
FROM EMP
WHERE INSTR(ENAME,'A',1,1) >0;
```

28) WAQTD NAME OF THE EMP AND HIS DNAME IF CHAR 'O' IS PRESENT IN EMP'S NAME AS WELL AS DNAME

```
SELECT ENAME,DNAME
FROM EMP E,DEPT D
WHERE E.DEPTNO=D.DEPTNO AND INSTR(ENAME,'O',1)>0 AND
INSTR(DNAME,'O',1)>0;
```

29)WAQT D EMPS NAME WHO ARE GETTING EVEN SAL

SELECT ENAME

FROM EMP

WHERE MOD(LENGTH(ENAME),2)=0;