

ASSIGNMENT-2)

Questions on Single row function:-

① List employees whose name having 4 characters.

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

② List employees whose job is having 7 characters.

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

③ Find out how many times letter 's' occurs in 'ASPIDERS'.

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

④ List the employees whose job is having last 3 characters as 'MAN'.

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


5. List employee whose job is having first 3 character as 'MAN'.

```
SELECT * 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;
```

7. Display dept names which are having letter 'b'.

```
SELECT DNAME FROM DEPT WHERE
```

8. Display the output as shown below, Scott working as a clerk earns 3000 in dept 20.

(9) Calculate no of L in string 'HELLELL'.

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

(10) display all the employee who job has a string 'man'.

```
SELECT * FROM EMP WHERE (LENGTH(JOB) - LENGTH(REPLACE(JOB, 'man'))) =
```

~~SELECT * FROM EMP WHERE~~

(11) Display all the employee whose job starts with string 'man'.

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

(12) Display all the employee whose job ends with 'man'.

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

(13) Display 1st 3 characters of name in lower case and rest in upper case.

```
SELECT LOWER(SUBSTR(ENAME, 1, 3)) || UPPER(SUBSTR(ENAME, 4))  
FROM EMP;
```


(14) List the employees hired on Wednesday.

```
SELECT * FROM EMP WHERE TO_CHAR(HIREDATE, 'DAY') = 'WEDNESDAY';
```

(15) List of employees hired on Sunday in month of May.

```
SELECT * FROM EMP WHERE TO_CHAR(HIREDATE, 'DAY') = 'SUNDAY' AND  
TO_CHAR(HIREDATE, 'MONTH') = 'MAY';
```

(16) List names of employees if name char 'A' present in it.

```
SELECT ENAME FROM EMP
```

```
WHERE (LENGTH(ENAME) - LENGTH(REPLACE(ENAME, 'A'))) >= 0;
```

(7) Write details of employee if name has char 'L' present at least 2 times, without using like operator.

SELECT * FROM EMP WHERE LENGTH(ENAME) - LENGTH(REPLACE(ENAME, 'L')) > 1

~~AND~~

(8) Write list of employees who are working in a designation that has a string 'MAN' in it.

SELECT * FROM EMP WHERE ~~LENGTH(JOB) - LENGTH(REPLACE~~

WHERE INSTR(JOB, 'MAN', 1) = 1;