

**Group: 2CO-17**

4

## Length(n)

```
1 select length('ashmit') from emp;
```

LENGTH('ASHMIT')
6

## Lpad()

```
1 select lpad('Ashmit', 10, '*') from emp;
```

LPAD('ASHMIT',10,'*')
****Ashmit

## Ltrim()

```
1 select ltrim(' Ashmit') from emp;
```

LTRIM('ASHMIT')
Ashmit

```
1 select ltrim('ashmit', 'ash') from emp;
```

LTRIM('ASHMIT', 'ASH')
mit

## rpad()

```
1 select rpad('Ashmit', 10, '$') from emp;
```

RPAD('ASHMIT',10,'\$')
------------------------

Ashmit\$\$\$\$
----------------

## Rtrim()

```
1 select rtrim('Ashmit ') from emp;
```

RTRIM('ASHMIT')
-----------------

Ashmit
--------

```
1 select rtrim('ashmit', 'mit') from emp;
```

RTRIM('ASHMIT', 'MIT')
------------------------

ash
-----

## Replace()

```
1 select replace('C017', '7', '8') from emp;
```

REPLACE('C017', '7', '8')
---------------------------

C018
------

## Substr()

```
1 select substr('ashmit', 1, 3) from emp;
```

SUBSTR('ASHMIT',1,3)

ash

## Initcap()

```
1 select initcap('co17 is studying dbms') from emp;|
```

INITCAP('CO17ISSTUDYINGDBMS')

Co17 Is Studying Dbms

## Lower()

```
1 select lower('tHaPar') from emp;|
```

LOWER('THAPAR')

thapar

## Upper()

```
1 select upper('asHmiT') from emp;|
```

UPPER('ASHMIT')

ASHMIT

## Translate()

```
1 select translate('coe17', 'coe', 'enc') from emp;
```

TRANSLATE('COE17', 'COE', 'ENC')
enc17

## Abs()

```
1 select abs(-25) from emp;
```

ABS(-25)
25

## Ceil()

```
1 select ceil(15.278) from emp;
```

CEIL(15.278)
16

## Cos()

```
1 select cos(1.57) from emp;
```

COS(1.57)
.00079632671073332548540853364535418588

## Exp()

```
1 select exp(4) from emp;
```

EXP(4)
54.59815003314423907811026120286087840308

## Floor(), mod(), power()

```
1 select floor(13.5624) from emp;  
2 select mod(7, 2) from emp;  
3 select power(2, 4) from emp;
```

FLOOR(13.5624)
13

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MOD(7,2)
1

Download CSV

POWER(2,4)
16

## Round(), sign(), sqrt()

```
1 select round(13.7826, 2) from emp;  
2 select sign(-12) from emp;  
3 select sqrt(16) from emp;
```

ROUND(13.7826,2)

13.78

Download CSV

SIGN(-12)

-1

Download CSV

SQRT(16)

4

## Trunc()

```
1 select trunc(13.7826, 2) from emp;
```

TRUNC(13.7826,2)

13.78

## Sysdate()

```
1 select sysdate from emp;
```

SYSDATE
30-JAN-24

## add\_months()

```
1 select add_months('20-SEP-2003', 3) from emp;|
```

ADD_MONTHS('20-SEP-2003',3)
20-DEC-03

## last\_day()

```
1 select last_day('30-JAN-2024') from emp;|
```

LAST_DAY('30-JAN-2024')
31-JAN-24

## months\_between()

```
1 select months_between('11-MAR-2024', '30-JAN-2024') from emp;|
```

MONTHS_BETWEEN('11-MAR-2024', '30-JAN-2024')
1.38709677419354838709677419354838709677



## Next\_day()

```
1 select next_day('30-JAN-2024', 7) from emp;
```

NEXT\_DAY('30-JAN-2024',7)

03-FEB-24

## Greatest()

```
1 select greatest(2, 13, 27, 6, 18) from emp;
```

GREATEST(2,13,27,6,18)

27

## Least()

```
1 select least(2, 13, 27, 6, 18) from emp;
```

LEAST(2,13,27,6,18)

2

Q2. Display current time in hour : min : sec format.

```
1 select to_char(sysdate, 'DD-MM-YYYY HH24:MI:SS') from emp;
```

TO\_CHAR(SYSDATE, 'DD-MM-YYYYHH24:MI:SS')

04-02-2024 17:30:10

Q3. Display salary + commission of emp table.

```
1 select sum(Salary) + sum(Commission) from emp;
```

SUM(SALARY)+SUM(COMMISSION)
351000

Q4. Store any date value in hiredate column of table.

```
1 update emp set hiredate = '13-JAN-2004' where Job = 'Salesperson';  
2 update emp set hiredate = '20-SEP-1985' where Ename = 'Ashmit';  
3 update emp set hiredate = '25-MAR-2024' where Job = 'Clerk';  
4 update emp set hiredate = '22-FEB-1990' where Ename = 'Anchit';
```

2 row(s) updated.

1 row(s) updated.

2 row(s) updated.

1 row(s) updated.

Q5. Display name of employee(s) who join the company in 1985.

```
1 select Ename from emp where EXTRACT(YEAR FROM Hiredate) = 1985;
```

ENAME
Ashmit

Q6. Display name of the employee(s) who join the company this year.

```
1 select Ename from emp where EXTRACT(YEAR FROM Hiredate) = EXTRACT(YEAR FROM sysdate);  
2
```

ENAME
Aryan
Raj