Day 17

5)replace-->

It replace the matched character within given string..

Syntax-->

replace(string\_value,search\_character,replace\_character)

--> 'karan patil' --> 'karan-patil'

'yash' --->'bash'

>select replace('karan patil',' ','-') from dual;

karan-patil

>select replace('yash','y','b') from dual;

bash

>select replace('yash','y') from dual;

if replace character is not given / mention then it removes

the matched character.

>select email,replace(email,'.','-') from customer;

ex-->

salary

$40,000 --> 40000

$20,000 --> 20000

$55,000 --> 55000

>select replace(substr('$40,000',2),',','') from dual;

## remove space from column

>select replace(column\_name,' ','') from table\_name;

6)reverse --> use to reverse a given string

>select first\_name,reverse(first\_name) from customer;

7)length --> returns the length of string

(counts number of characters)

>select first\_name,length(first\_name) from customer;

8)ltrim --> use to remove space from left side of string..

>select ltrim(' w3r') from dual;

w3r

>select first\_name,ltrim(first\_name) from customer;

#rtrim--> use to remove space from right side of string

>select rtrim('w3r ') from dual;

>select length(rtrim('w3r ')) from dual;

>select rtrim(' w3 r') from dual;

it will not remove middle space...

# trim --is used to remove spaces from both the side

>select trim(' w3r ') from dual;

>select length(trim(' w3r ')) from dual;

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#### Date functions

1)add\_months()

used to add / substract number of months from specified

date

>select hire\_date,add\_months(hire\_date,2) from employees;

>select hire\_date,add\_months(hire\_date,-1) from employees;

# if you want to add/substract number of days

>select hire\_date,hire\_date+1 from employees;

>select hire\_date,hire\_date-1 from employees

2)last\_day()

It returns the last date of month

>select hire\_date,last\_day(hire\_date) from employees;

3)months\_between()

it returns the difference of number of months between 2 given

dates

>select months\_between('13-Dec-2023','13-Dec-2022') from dual;

4)extract

used to extract year or month or days from date column

>select hire\_date,extract(year from hire\_date) as year from employees;

>select hire\_date,extract(month from hire\_date) as month from employees;

>select hire\_date,extract(day from hire\_date) as days from employees;