Day 16

#### String functions

1)substr

used to extract characters from a given string

based on starting position and number of characters to extract

ex--> 'oracle' -->'racl'

syntax-->

substr(string,starting\_position,length)

length--> number of characters extract from starting position

>select substr('oracle',2,4) from dual;

racl

if length is not mentioned , then it extracts the character upto

end

>select substr('oracle',2) from dual;

racle

-Fetch first 4 characters of each first\_name

>select first\_name,substr(first\_name,1,4) from customer;

2)instr

it returns the position / index of the substring/character

in a string

syntax--

instr(string,search\_character,starting\_position,occurence)

>select instr('MARY','A',1) from dual;

2

>select instr('MARY','R',1) from dual;

3

>select instr('MAAARY','A',1) from dual;

2

>select instr('MAAARY','A',1,2) from dual;

3

>select instr('MAARIA','A',-1) from dual;

6

(-1 search backword/from right side)

indexing is always starts from left side

name

MAARY

KARAN

INDIAA

>select instr(name,'A',1,2) from dual

3

4

6

-Fetch user name from email

ex-> tom.jerry@gmail.com --> tom.jerry@gmail

>select email,substr(email,1,instr(email,'@',1)-1) as user\_name from customer;

3)lower -->

converts the entire string in lowercase.

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

4)upper -->

converts entire string in uppercase

>select ename,upper(ename) from employ;