

```
### String Functions In Oracle ===>
=====
```

```
# ASCII() ==>
=====
```

```
* This function returns an ASCII code value of a character.
# select ASCII('X') from dual;
```

```
ASCII('X')
-----
          88
```

```
# CHR() ==>
=====
```

```
* This function returns the character of given Ascii Number
# select chr(74) from dual;
```

```
C
-
J
```

```
# INITCAP() ==>
=====
```

```
* This function converts the first letter of each word to uppercase and
other letters to lowercase.
# select initcap('sAChIN') from dual;
```

```
INITCAP
-----
Sachin
```

```
# select initcap('PaWAn KUMAR') from dual;
```

```
INITCAP
-----
Pawan Kumar
```

```
# INSTR() ==>
=====
```

```
* This function searches for a substring in a string and returns the
position of the substring in a string.
```

```
* Syntax
```

```
- INSTR(main_string,sub_string,[start_pos],[no_of_occ])
```

```
# select instr('this is a code', 'is') from dual;
```

```
INSTR('THISISACODE','IS')
-----
```

```
# select instr('this is a code', 'is', -1) from dual;
```

```
INSTR('THISISACODE','IS',-1)
```

```
-----
6
```

```
# LENGTH() ==>
```

```
=====
```

```
* This function returns the number of characters of a specified string.
```

```
# select length('Prashant Bhardwaj') from dual;
```

```
LENGTH('PRASHANTBHARDWAJ')
```

```
-----
17
```

```
# LOWER() ==>
```

```
=====
```

```
* This function converts all letters in a string to lowercase.
```

```
# select lower('Prashant') from dual;
```

```
LOWER
```

```
-----
```

```
prashant
```

```
# UPPER() ==>
```

```
=====
```

```
* This function converts all letters in a string to uppercase.
```

```
# select upper('Prashant') from dual;
```

```
UPPER
```

```
-----
```

```
PRASHANT
```

```
# LPAD() ==>
```

```
=====
```

```
* This function returns a string left-padded with specified characters to a certain length.
```

```
* Syntax -
```

```
- LPAD(source_string, length, padding_string)
```

```
# select lpad('Pawan', 10, '@') from dual;
```

```
LPAD
```

```
-----
```

```
@@@@@Pawan
```

```
# select lpad('Pawan', 10, 'Kr') from dual;
```

LPAD

KrKrKPawan

```
# RPAD() ==>
```

=====

* This function returns a string right-padded with specified characters to a certain length.

* Syntax

- RPAD(source_string, length, padding_string)

```
# select rpad('Pawan', 10, '*') from dual;
```

RPAD

Pawan*****

```
# LTRIM() ==>
```

=====

* This function removes all specified characters from the leftend of a string.

```
# select ltrim('Bhardwaj', 'Bha') from dual;
```

LTRIM

rdwaj

```
# RTRIM() ==>
```

=====

* This function removes all specified characters from the rightend of a string.

```
# select rtrim('Bhardwaj', 'aj') from dual;
```

RTRIM

Bhardw

```
# REPLACE() ==>
```

=====

* This function replaces all occurrences of a specified substring in a string with another.

* Syntax :

- REPLACE(main_string,old_string,new_string)

```
# select replace('This is a test', 'is', 'as') from dual;
```

```

REPLACE
-----
Thas as a test

# select replace('samsung', 's', '*') from dual;

REPLACE
-----
*am*ung

# SUBSTR() ==>
=====

* This function extracts and returns a substring from a string.
* Syntax :
- SUBSTR(main_string,start_pos,length)

# select substr('Prashant', 3, 4) from dual;

SUBS
----
asha

# select substr('Prashant', -3, 2) from dual;

SU
--
an

# select substr('Prashant', 3) from dual;

SUBSTR
-----
ashant

# TRIM() ==>
=====

* This function removes all whitespaces from the beginning as well as
the end of a string.
# select trim(' Prashant ') from dual;

TRIM
-----
Prashant

# XXXXXXXXXXXXXXXXXXXXXXX==> Queries <==XXXXXXXXXXXXXXXXXXXXXXXXXXXX

* WAQ to display name of every employee as well as its length from the
EMP table.
# select ename, length(ename) from emp;

```

* WAQ to display name of every employee prefixed with Mr. from the EMP table.

```
# select lpad(ename, length(ename) + 3, 'Mr. ') from emp;
```