

1.need to print *** in before and after string using lpad & rpad

```
select lpad(rpad(first_name,length(first_name)+3,'*'),
length(first_name)+6,'*')
as lr_pad
from employees;
```

Results Explain Describe Saved SQL History

LR_PAD
Ellen
Sundar
Mozhe
David
Hermann
Shelli
Amit
Elizabeth
Sarah
David
More than 10 rows available. Increase rows selector to view more rows.

10 rows returned in 0.00 seconds

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lpad,rpad(string, total_length,pad_string)

Explanation: for ellen

Inner fn execute first `rpad(ellen,5+3=8,'*')` ans = `ellen***`

Then in `lpad(ellen*** as a string, 5+6=11,'*')`=`***ellen***`

here updated rpad string length became 8 so we adding +6 in actual string to tally rpad additional +3

output:

`***ellen***`

2. create table in the name of emp add a column in name of NAME insert 3 values print words in between 2 and 3 (A)?

```
create table emp1 (  
    name varchar2(20)  
);  
  
insert into emp1 (name) values ('tamara');  
insert into emp1 (name) values ('arabella');  
insert into emp1 (name) values ('kamala');  
insert into emp1 (name) values ('amaranta');  
insert into emp1 (name) values ('anastasia');  
insert into emp1 (name) values ('amala');  
  
select name, substr(name,  
    instr(name, 'a', 1, 2) + 1,  
    instr(name, 'a', 1, 3) - instr(name, 'a', 1, 2) - 1  
    ) as btw_2nd_3rd  
from emp1;
```

Results Explain Describe Saved SQL History

NAME	BTW_2ND_3RD
tamara	r
kamala	l
arabella	bell
amaranta	r
anastasia	st
amala	l

6 rows returned in 0.00 seconds

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Explanation:

For **tamara** first we execute inside substr to find first position and length of the string so,

Syntax of substr:

Substr(string, first_position, length)s

Finding First_position:

we use instr,syntax

Instr(string, substring, start_pos, occurrence):

Instr(tamara, 'a', 1, 2) → pos = 4 but we need next value of a so +1

First_position = Instr(tamara, 'a', 1, 2) + 1 = 4 + 1 = 5

Length:

Logic: (3rd pos - 2ndpos - 1) → to find length of the string in between

instr(tamara, 'a', 1, 3) - instr(tamara, 'a', 1, 2) - 1 = 1

6 - 4 - 1 = 1

So finally we got substr(tamara, 5,1)

Output:

r