Q Given a no, reverse it.

int n = 1367;

output ⇒ n = 7631;

O(no of digits)

1367 % 10 = 7

rev = 0 * 10 + 7 = 7

1367 / 10 = 136

136 % 10 = 6

rev = 7 * 10 + 6 = 76

136 / 10 = 13

13 % 10 = 3

rev = 76 * 10 + 3 = 763

1 % 10 → 1

rev = 763 * 10 + 1

Q Given a string, check if it is a palindrome or not.

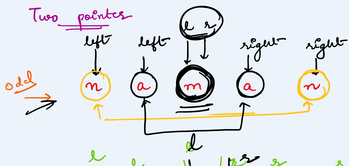
reads the same forward & backward.

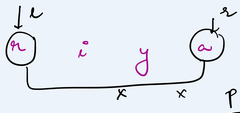
"naman" → true

"riya" → false

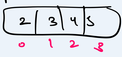
String s = "naman";

Two pointers

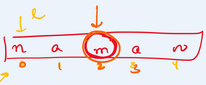




p x x

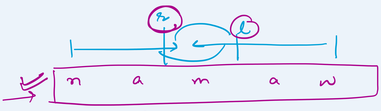


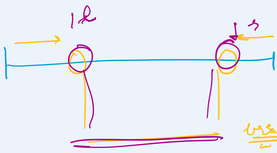
str →



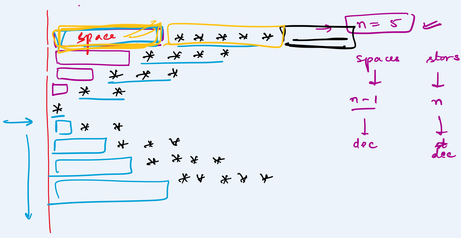
str.charAt(2)

l <= r



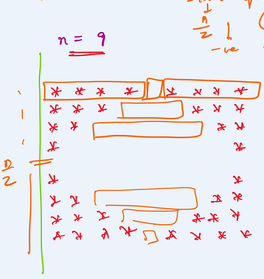


Q



print("R

Q n = 9



Q n = 9