

Valid palindrome

(use two pointer):

1. left \rightarrow start, Right \rightarrow end.
2. while (left < right)
continue until pointers meet
the middle.
3. Move left pointer ^{forward} if current
character isn't letter or digit
3. move right pointer backward
if current character at right
isn't letter or digit.
4. use if condition:
check if both left and right
are equal if not return false
else
 • increment the left and
 decrement the right
 to check the next character
5. return true if all the characters
at left and right are equal

eg:- MARK, RAM

1. $0 < 6$

$M = M$ true

left = 1

right = 5

$A = A$ true

left = 2

right = 4

$R = R$ true

~~return~~

left = 3

right = 3 false

return true

because all the character from
left to right is equal.