

Programming (/courses/programming) / Strings (/courses/programming/topics/strings/) / Minimum Characters Required To Make A String Palindromic

Minimum Characters required to make a String Palindromic

[Bookmark](#)

Asked in: Amazon
Suggest Edit
(/search/?q=Amazon)

Problem Setter: glowing_glare Problem Tester: RAMBO_tejasv
(/profile/RAMBO_tejasv)

Given an string **A**. The only operation allowed is to insert characters in the beginning of the string.

Find how many minimum characters are needed to be inserted to make the string a palindrome string.

Input Format

The only argument given is string A.

Output Format

Return the minimum characters that are needed to be inserted to make

For Example

Input 1:

A = "ABC"

Output 1:

2

Explanation 1:

Insert 'B' at beginning, string becomes: "BABC".

Insert 'C' at beginning, string becomes: "CBABC".

Input 2:

A = "AAACECAAAA"

Output 2:

2

Explanation 2:

Insert 'A' at beginning, string becomes: "AAACECAAAA".

Insert 'A' at beginning, string becomes: "AAAACECAAAA".





See Expected Output

Seen this question in a real interview before

Yes

No



Share this  (<https://www.facebook.com/sharer/sharer.php?u=https://www.interviewbit.com/problems/minimum-characters-required-to-make-a-string-palindromic>)  ([https://twitter.com/intent/tweet?text=Minimum Characters required to make a String Palindromic problem was asked in Amazon interview recently. Can you solve this problem? &url=https://www.interviewbit.com/problems/minimum-characters-required-to-make-a-string-palindromic&via=Interview_Bit](https://twitter.com/intent/tweet?text=Minimum%20Characters%20required%20to%20make%20a%20String%20Palindromic%20problem%20was%20asked%20in%20Amazon%20interview%20recently.%20Can%20you%20solve%20this%20problem?%20&url=https://www.interviewbit.com/problems/minimum-characters-required-to-make-a-string-palindromic&via=Interview_Bit))  ([https://www.linkedin.com/shareArticle?url=https://www.interviewbit.com/problems/minimum-characters-required-to-make-a-string-palindromic&title=Minimum Characters required to make a String Palindromic problem was asked in Amazon interview recently. Can you solve this problem? &source=InterviewBit&mini=true](https://www.linkedin.com/shareArticle?url=https://www.interviewbit.com/problems/minimum-characters-required-to-make-a-string-palindromic&title=Minimum%20Characters%20required%20to%20make%20a%20String%20Palindromic%20problem%20was%20asked%20in%20Amazon%20interview%20recently.%20Can%20you%20solve%20this%20problem?&source=InterviewBit&mini=true))  (<https://plus.google.com/share?url=https://www.interviewbit.com/problems/minimum-characters-required-to-make-a-string-palindromic>)

Notes

All Notes (/profile/karandeep-singh_845/notes/?ref=problem-page)