Checking Palindrome

May 18, 2020

1 Palindrome

A **palindrome** is a word that is the reverse of itself—that is, it is the same word when read forwards and backwards.

For example: * "madam" is a palindrome * "abba" is a palindrome * "cat" is not * "a" is a trivial case of a palindrome

The goal of this exercise is to use recursion to write a function is_palindrome that takes a string as input and checks whether that string is a palindrome. (Note that this problem can also be solved with a non-recursive solution, but that's not the point of this exercise.)