1. The function does not work as expected, because it always returns after the first character. I would rename the function is\_palindrome, and simplify the function to one for-loop using i instead of x. The for-loop would go from i=0 to half of the length of the string (len(s) // 2), comparing the ends and moving towards the center. If a pair of characters do not match on the left and right (i.e., s[i] != s[-(i + 1)]), then return False. If the string is a palindrome, then the for-loop completes and returns True at the end of the function. When the string length is even, the loop compares every character. If the length is odd, then it compares everything but the middle character, which always equals itself.