def is\_palindrome(s):

s = s.lower() # Convert the string to lowercase for case-insensitive comparison

if len(s) <= 1:

return True

if s[0] != s[-1]:

return False

return is\_palindrome(s[1:-1])

# Example usage

string = input("Enter a string: ")

if is\_palindrome(string):

print(f"The string '{string}' is a palindrome.")

else:

print(f"The string '{string}' is not a palindrome.")