from collections import deque

def is\_palindrome(s):

    dq = deque()

    for char in s:

        dq.append(char)

    while len(dq) > 1:

        front = dq.popleft()

        rear = dq.pop()

        if front != rear:

            return False

    return True

words = ["radar", "toot", "night", "hello", "racecar"]

for word in words:

    result = is\_palindrome(word)

    print(f"{word} is a palindrome? {result}")

Output:

Enter a String:radar

The string is a palindrome