print("A palindrome is a word which reads the same backward as forward. This program will tell you if the word you wrote is a palindrome.")

str\_1 = str(input("Write down any word: "))

a = len(str\_1)-1

b = False

for i in range(a):

if str\_1[i] == str\_1[a-i]:

b = True

else:

b = False

break

if b == False:

print("The word is not a palindrome")

else:

print("The word is a palindrome")