Plaindrome or not:

my\_str = input('Enter the word/letter to check if it is a palindrome: ')

my\_str = my\_str.casefold()

rev\_str = reversed(my\_str)

if list(my\_str) == list(rev\_str):

    print('the word is palindrome')

else:

    print('the word/letter is not palindrome')

# remove punctuations from the string

punctuations = '--()'

my\_str = 'hello-u()'

no\_punc = ""

for i in my\_str:

    if i not in punctuations:

        no\_punc = no\_punc + i

print(no\_punc)

3) sort words in alphabetic order

my\_str = 'THIS IS A TEST STRING'

words = [word.lower() for word in my\_str.split()]

words.sort()

print('The sorted words are: ')

for i in words:

    print(i)