A palindrome is a sentence that reads the same forward and backward. For example, “ABLE WAS I SAW ELBA” is a palindrome attributed to Napoleon. Palindromes can be as short as one word (racecar) or as long as something like this: “a man a plan a canal panama”. Spaces are ignored when considering whether a phrase is a palindrome. For this lab, we will also ignore capitalization.

Write a GUI based program that accepts text from the user and then tells them whether or not it is a palindrome. Hint: use a stack.