You job is to write a program finding palindromes. The user will type a string, the program checks whether the input is a palindrome. The input string could contain any symbols you could find on the keyboard – letters, numbers, white spaces, and so on. When you validate the input string, only letters and numbers are processed; white spaces and other symbols are ignored. Please use data structure Stack to finish this lab. You could use any implementation, either array or linked list.

For example, “No garden, one dragon” is a palindrome (your program should not be case-sensitive).

Submit Lab3.cpp if you use the Stack class on the course website, otherwise submit your own version of Stack class.