**Lab 06 E**

Write a program that counts the number of a certain letter in a string. Both the letter and string should be provided by the user. Use a for loop.

Useful tool: charAt(int) method gets the char of a String at a specified index

String word = “Froot Loops”;

char firstLetter = word.charAt(0); //F

char fifthLetter = word.charAt(4); //t

Sample 1:

Type something: hello world

Type a letter: l

There are 3 of the letter ‘l’

Sample 2:

Type something: testing

Type a letter: a

There are 0 of the letter ‘a’

Sample 3:

Type something: xylophone

Type a letter: xyz

There are 1 of the letter ‘x’

The output does not have to match exactly as long as your program functions as described.