CS 1400 Pseudocode Calisthenics

Fill in the missing parts of the following pseudocode?

1) Algorithm to compute the sum of two numbers.

Get firstValue

total = firstValue

Print "Sum is ", total

2) Algorithm to compute the maximum of two numbers.

Get firstValue
Get secondValue
maximumValue = firstValue

Print "Max is ", max

3) Algorithm to compute the maximum of three numbers.

Get firstValue
Get secondValue

maximumValue = firstValue

Print "Max is ", max

4) Algorithm to compute the maximum of N numbers (exit when input is negative).

Get number

while (number > 0)

End While
Print "Max is ", max

(continue on back)
Give a pseudo-code solution for the following problems.

1) Read two numbers and print “Yes” if the numbers are in sorted order, or “No” if the numbers are not in sorted order. For example, if the input is “23 95” then “Yes” would be printed. But if the numbers are “95 23” then “No” would be printed.

2) Print only positive (greater than 0) input values, stop after reading 100 values.