**Pseudocode**

Module main ()

// Declare needed variables

Declare Real data, Real Ref min, Real Ref max

// Display intro message

Call showIntro ()

// Get initial input

// and set minimum and maximum values

Call initialInput (data, min, max)

// Declare a variable to hold the number

Declare Double keepGoing != -99

// Loop over repeated user entry

While keepGoing != -99

// Get second input

Display “Enter your next number: ”

Input keepGoing

// New data entry replace the current max or min

If keepGoing < min Then

Set min = keepGoing

Else If keepGoing > max Then

Set max = keepGoing

// Display min and max found in the loop

Call output (min, max)

End While

End Module

// The showIntro module display an

// introductory screen

Module showIntro ()

Display “Enter a series of numbers.”

Display “The Program will find max and min numbers”

Display “-99 will end the input.”

End Module

// The initialInput (data, min, max) module

// will input initial data and declare variables min and max

// to hold the current minimum and maximum values.

initialInput (data, min, max) module

Display “Enter your first number: ”

Input data

// Initialize minimum and maximum values

// to the first data point entered by the user.

Set min = data

Set max = data

End Module

// The output (min, max) module

// will display min and max found in the loop

output (min, max) module

Display “The smallest number = ” & min

Display “The largest number = ” & max

End Module