Module main()

//Declare the necessary variables

//Positive number counter

Int positive = 0;

//Negative number counter

Int negative = 0;

//Counter for all numbers, used to calculate the average

Int count = -1;

//Total variable used to store the sum of all numbers entered

Float total = 0;

//Number variable used to store user input

Float number;

//Average variable used to calculate the average of all numbers entered

Float average;

//While loop to gather user input and increment certain variables while the input value is not equal to 0

While (number != 0)

Input number

//Add the new number to the total

total += number

//Increment the counter every time a new number is typed

count++

//If the number is a negative, increment the negative count

If (number > 0)

positive++

//If the number is a negative, increment the negative count

Else if(number < 0)

negative++

End if

End while

//Calculate the average

average = total / count;

//Display the positives

Display "The number of positives is "+ positive

//Display the negatives

Display "The number of negatives is "+ negative

//Display the total/sum

Display "The total is "+ total

//Display the average

Display "The average is "+ average

End Module