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// CSCI 170.01

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//Declare a maximum number to use in a range

//in a for loop

Declare Integer max = 5

//Declare variable to hold user’s inputted value

Declare Real number

//Declare variable to hold added total of user inputted values

Declare Real total = 0.0

//Declare a variable to hold the average of the 5 user inputted values

Declare average = 0.0

//Explain to user what the program is doing

Display “This program calculates the sum of ”

Display max, “ numbers you will enter.”

//Get numbers from a for loop and accumulate them

For counter = 1 To 5

Display “Enter a number: ”

Input number

Set total = total + number

End for

//Display the total of the user inputted values

Display “The total is “, total

//Calculate the average of the number values provided by the users

Set average = total/max

//Display the average to the user

Display “The average is “, average