

my_data is an array of three double values. The first is my_data[0], the last is my_data[i]

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1 Main is loaded onto the Stack, with its Local Variable

Main				
my_data[]:	<table><tr><td>16.7</td></tr><tr><td>73.0</td></tr><tr><td>-32.1</td></tr></table>	16.7	73.0	-32.1
16.7				
73.0				
-32.1				
Instruction:	<table><tr><td>Step 1</td></tr></table>	Step 1		
Step 1				

Procedure: Populate Array

Parameters:

- 1: data (by ref, array of Double) - the list of values to sum
- 2: size (Integer) - the number of elements in data (C only)

Local Variables:

- *: i (Integer) - index of the current element in the array
- *: prompt (String) - the prompt to be shown to the user

Steps:

- 1: For i, loops from lowest to highest index of data
- 2: Assign prompt, 'Enter value ' + (i + 1) + ': '
- 3: Assign data[i], the result of calling Read Double(prompt)

Procedure: Main

Local Variables:

- *: my_data (array containing 3 Double values) - data array

Steps:

- 1: Call Populate Array (my_data, 3)

