

Populate Array finishes
and control returns
1 to Main

Main				
my_data[]:	<table><tr><td>10.0</td></tr><tr><td>-5</td></tr><tr><td>17.21</td></tr></table>	10.0	-5	17.21
10.0				
-5				
17.21				
Instruction:	Step 2			

2

Notice that the data in the
array has been updated



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)

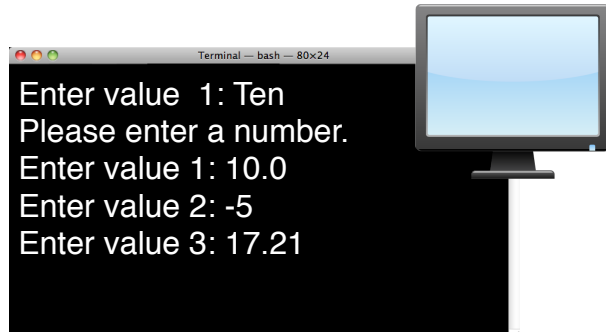
Procedure: Main

Local Variables:

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

Steps:

- 1: Call Populate Array (my_data, 3)
- 2: ...



```
Terminal — bash — 80x24
Enter value 1: Ten
Please enter a number.
Enter value 1: 10.0
Enter value 2: -5
Enter value 3: 17.21
```