Prompt is built from 'Enter value ', and the value of i **to create** `Enter value 1:`

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 )
```

2

Populate Array

data[]:	0xff1
size:	3
i:	0
prompt:	

`Enter value 1: `

Instruction:	Step 2

Main

my_data[]:	16.7
	73.0
	-32.1

Instruction:	Step 1

3

The value is stored in prompt

i + 1 **is an integer value, and must be converted to a String value**

Terminal — bash — 80×24