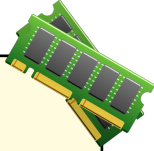At the start of the for loop i is assigned the value 0, being the lowest index value of the array

1

Populate Array

data[]: bfff1

size: 3

i: 0

prompt:
| a | s | h | e | 2 | 8 | & | 2 | k | k | ; |) | j | 2 | ; | 0 | J |

Instruction: Step 1

Main

my_data[]:
| 16.7 |
| 73.0 |
| -32.1 |

Instruction: 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 )
```

2

The loop's condition is checked and the body of the loop is entered.

Terminal — bash — 80×24