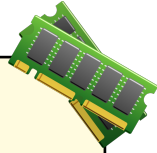


1

Populate Array is called,
data is passed the address of my_data
(in C size is passed 3)
and space is allocated for i, and prompt



Populate Array

data[]:
size:
i:
prompt:
Instruction:

my_data[]:

Instruction:

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)

3

prompt is a string,
an array of characters

2

data gets the address of
my_data, as it is passed
by reference.

