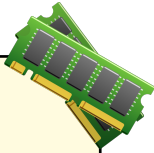


The value output comes from the result returned by the Sum function



2

Function: Sum

Returns: Double - The sum of the numbers from the data array

Parameters:

- 1: data (by const ref, array of Double) - 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
- *: total (Double) - running total

Steps:

- 1: total is assigned 0
- 2: For i, starts at 0 and loops to the highest index of data
- 3: total is assigned total + data[i]
- 4: Return the result, total

Procedure: Main

Local Variables:

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

Steps:

- 1: Call Populate Array (my_data, 3)
- 2: Output 'Sum is ', and Sum (my_data, 3)
- 3: ...

1

result:

22.21

Main

my_data[]:

10.0
-5
17.21

Instruction:

Step 2

Main outputs the sum to the Terminal



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
Sum is 22.21
```

