

CalculateAvg.cpp

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1 /*****
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3 * STUDENT ID  : 1112261
4 * LAB #0.4    : Functions and Arrays
5 * CLASS      : CS1B
6 * SECTION     : MW: 7:30p
7 * DUE DATE    : 9/14/19
8 *****/
9
10 #include "MyHeader.h"
11
12
13
14 float CalculatorAvg()
15 {
16     int intAr[50];
17     int index;
18     int num;
19     int total;
20     int arSize;
21     float avg;
22
23
24     index = 0;
25     total = 0;
26
27
28     cout << "Enter an integer (-999 to stop): ";
29     cin >> num;
30
31
32     while (num != -999)
33     {
34
35         intAr[index] = num;
36         index++;
37
38
39         cout << "Enter an integer (-999 to stop): ";
40         cin >> num;
41
42     }
43
44     arSize = index;
45
```

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```
46
47     for (index = 0; index < arSize; index++)
48     {
49         total += intAr[index];
50     }
51
52
53     avg = float(total)/index;
54
55     return avg;
56
57 }
58
```