```cpp
1 /***********************************************
2  * PROGRAMMER : Ali Eshghi
3  * STUDENT ID : 1112261
4  * CLASS      : CS1B
5  * SECTION    : MW 7:30pm
6  * Assign #1  : Functions and arrays
7  * DUE DATE   : 19 September 2019
8  ***********************************************/
9 #include "MyHeader.h"
10
11 /*****************************************************************************
12  * Function : SumOrAvg
13  * --------------------------------------------------------------------------
14  * This function gets all the balances from the list using a for loop
15  * and add them up together to get the sum and average of all the balances.
16  * then returns a float type variable to a float variable in the main called
17  * "sumOrAvg".
18  *****************************************************************************/
19
20
21 float SumOrAvg(float balanceAr[], int option, const int AR_SIZE)
22 {
23     /*************
24      * VARIABLES *
25      *************/
26
27     float   sum; //PROCESS - sum of all numbers
28     float   avg; //PROCESS - average of all numbers
29     float   sumOrAvg;//PROCESS & OUT - assigns sum or average to itself
30     int index;   //PROCESS - used for the for loop.
31
32     //initialize the sum to zero, then adds the balance to it
33     sum = 0;
34
35     //initialize the sum or average to zero, then assign a value to it
36     sumOrAvg = 0;
37
38     //for loop using index to add the balances to the sum
39     for (index = 0; index <= AR_SIZE; index++)
40     {
41         sum += balanceAr[index];
42     }//end of for loop
43
44     //calculating average
45     avg = sum / AR_SIZE;
46
47     //if statement for option 3, assigns sum to sumOrAvg
48     if (option == 3)
49     {
50         sumOrAvg = sum;
51     }//end of if statement
52
53     //if statement for option 4, assigns average to sumOrAvg
54     else if (option == 4)
55     {
```

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56          sumOrAvg = avg;
57      }//end of if statement
58
59      //returns a float variable and assigns it to a float variable in main
60      return sumOrAvg;
61 }
62
```