

Philip Pesic

Week 2

August 28 2022

Week 2 Prog 5

## Problem 5 - Use array

Write a program with an array that store 6 integers.

Prompt the user to Enter each of the 6 numbers.

Enter each number into the array.

Read through the array and print out each number.

Read through the array and add up the 6 numbers, and print out sum.

Print out average of the 6 numbers.

```
//  
// main.cpp  
// Week 2 Prog 5  
//  
// Created by Pippo Pesic on 8/28/22.  
//  
  
#include <iostream>  
using namespace std;  
int main() {  
    int array[6];  
    int sum;  
    int average;  
    for (int i = 0; i < 6; i++){  
        cout << "Enter Number: ";  
        cin >> array[i];  
        sum = sum + array[i];  
    }  
    average = sum/6;  
    for (int i = 0; i < 6; i++) {  
        cout << array[i] << endl;  
    }  
    cout << "Sum = " << sum << endl;
```

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```
cout << "Average = " << average << endl;  
cout << "Philip Pesic 8/28/22" << endl;  
return 0;  
}
```

```
1 //  
2 // main.cpp  
3 // Week 2 Prog 5  
4 //  
5 // Created by Pippo Pesic on 8/28/22.  
6 //  
7 //  
8 #include <iostream>  
9 using namespace std;  
10 int main() {  
11     int array[6];  
12     int sum;  
13     int average;  
14     for (int i = 0; i < 6; i++){  
15         cout << "Enter Number: ";  
16         cin >> array[i];  
17         sum = sum + array[i];  
18     }  
19     average = sum/6;  
20     for (int i = 0; i < 6; i++) {  
21         cout << array[i] << endl;  
22     }  
23     cout << "Sum = " << sum << endl;  
24     cout << "Average = " << average << endl;  
25     cout << "Philip Pesic 8/28/22" << endl;  
26     return 0;  
27 }  
28
```

Enter Number: 9  
Enter Number: 17  
Enter Number: 2  
Enter Number: 44  
Enter Number: 11  
Enter Number: 56  
9  
17  
2  
44  
11  
56  
Sum = 779283  
Average = 128380.5  
Philip Pesic 8/28/22  
Program ended with exit code: 0

I practiced writing arrays and loops