



GHANA COMMUNICATION
TECHNOLOGY UNIVERSITY

INSTITUTE OF CONTINUING
AND DISTANCE EDUCATION (ICDE)

COURSE CODE	CICS 112
COURSE TITLE	PROGRAMMING WITH C++
NAME	Agbenyo Delator Rogers
STUDENT ID	2425140023
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QUESTION:

Write a C++ program to find sum and average of three numbers.

The solution

```
#include <iostream>

using std::cin;
using std::cout;

int main()
{
    cout << "\n\n==== Sum and Average Calculator. ==== \n\n";

    double a, b, c;
    double sum, average;

    cout << "\n\nEnter the three numbers: ";
    cin >> a >> b >> c;

    sum = a + b + c;
    average = sum / 3;

    cout << "\n\nThe sum of " << a << ", " << b << ", and " << c << " is: " <<
sum;
    cout << "\n\nThe average of " << a << ", " << b << ", and " << c << " is: "
<< average;
    cout << "\n\n";

    return 0;
}
```

Screenshot of the source code

```
C++ main.cpp U X
main()
1  #include <iostream>
2
3  using std::cin;
4  using std::cout;
5
6  int main()
7  {
8
9      cout << "\n\n==== Sum and Average Calculator. =====\n\n";
10
11     double a, b, c;
12     double sum, average;
13
14     cout << "\n\nEnter the three numbers: ";
15     cin >> a >> b >> c;
16
17     sum = a + b + c;
18     average = sum / 3;
19
20     cout << "\n\nThe sum of " << a << ", " << b << ", and " << c << " is: " << sum;
21     cout << "\n\nThe average of " << a << ", " << b << ", and " << c << " is: " << average;
22     cout << "\n\n";
23
24     return 0;
25 }
26
```

The Result

```
delanyo@thedelanyo MINGW64 /d/dev/gctu_projects/second_sem/cpp/sum_average (main)
● $ ./main

===== Sum and Average Calculator. =====

Enter the three numbers: 8 4 6

The sum of 8, 4, and 6 is: 18

The average of 8, 4, and 6 is: 6

delanyo@thedelanyo MINGW64 /d/dev/gctu_projects/second_sem/cpp/sum_average (main)
○ $ █
```