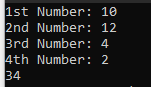
In the program, the equation “a + b \* c / d” may be read that addition would occur first, then multiplication, then division. However, C++ evaluates the expression using the PEMDAS rule. So, if the numbers below were used in the equation. Reading from left to right would make 10 + 12 = 22. Then, 22 \* 4 = 88. Finally, 88 / 2 = 44. Instead, with the PEMDAS rule, 12 \* 4 = 48 is evaluated first. Then, 48 / 2 = 24. Finally, 24 + 10 = 34.



#include <iostream>

using namespace std;

int main()

{

int a;

cout << "1st Number: ";

cin >> a;

int b;

cout << "2nd Number: ";

cin >> b;

int c;

cout << "3rd Number: ";

cin >> c;

int d;

cout << "4th Number: ";

cin >> d;

int total = a + b \* c / d;

cout << total;

return 0;

}