

DEMO: C++ Adding 2 Numbers

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// Program: Adding 2 numbers
// NOTE: Text following // is a comment and will not be executed by the Program

//Library Declaration
#include <iostream> //iostream library allows the user to access a output/input screen
using namespace std; //using namespace std; allows the user to
// remove some code commands from the program

int main () // Main is the name of the program. Value of int represents an integer;
// waiting for 0 = Off or 1 = On to be passed to the ()
{
// Variable Declaration
string firstname; // Variable to be used to store users First Name
int num1, num2, sum; // Variables to be used to store an entered Number 1 and Number 2;
//Variable sum used to add Num1 and Num2

cout << "HELLO WORLD!\n\n"; // \n allows the cursor to drop down one line
// (equivalent of pressing the enter key) or use << endl

// Code requesting the users name
cout << "What is your name? ";
cin >> firstname; //User enters their name > Press Enter to accept the value

cout << "\nHello, " << firstname << ". My name is computer!";

// Entering 1st Number
cout << "\nEnter Number 1: ";
cin >> num1;

// Entering 2nd Number
cout << "\nEnter Number 2: ";
cin >> num2;

// Formula to add 2 numbers.
// NOTE always place the variable that is changing 1st followed by = and the formula
sum = num1 + num2;

//Output Statement to show the 2 numbers entered and their sum
cout << num1 << " + " << num2 << " = " << sum;

return 0;
}
```