

Programming Fundamentals:

Input

Input

What needs to write a code that fetches two numbers and prints the addition on screen?

What needs to write a code that fetches two numbers and prints the addition on screen?

- Three Variables
- Processing to calculate addition
- Display

What needs to write a code that fetches two numbers and prints the addition on screen?

- Three Variables
- Fetching Values from the User
- Processing to calculate addition
- Display

Variables: Three variables are needed to store the values. Two to store the numbers fetched by users and one to store. Those variables can be var1, var2, and sum.

Fetching Values: We'll ask the user to input 2 values.

Processing to calculate addition: We use assignment and addition operations on three variables.

Display: We need to display the value of the sum to the users.

Input

```
#include <iostream>

using namespace std;

int main() {
    int var1, var2, sum; // Variable Declaration
    cin >> var1;
    cin >> var2;
    sum = var1 + var2; // Applying Addition Operation
    cout << sum << endl; // Printing Result
    return 0;
}
```

```
3
2
5
```

```
Process finished with exit code 0
```

Input

The message is not understandable for a user and there is also no instruction for the user for input. We use some messages to help the user to operate this application.

Input

```
#include <iostream>

using namespace std;

int main() {
    int var1, var2, sum;
    cout << "Enter an Integer: ";
    cin >> var1;
    cout << "Enter another Integer: ";
    cin >> var2;
    sum = var1 + var2;
    cout << "The Sum of " << var1 << " and " << var2 << " is " << sum << endl;
    return 0;
}
```

```
Enter an Integer: 3
Enter another Integer: 2
The sum of 3 and 2 is 5

Process finished with exit code 0
```