

Exercise 1: Function To Check Sum

In this exercise, you have to write a code to add integers and return their sum using the pass by value method

We'll cover the following ^

- Problem Statement
- Example

Problem Statement

Write a function `checkSum` which

- Takes two integers `num1` and `num2`.
 - *pass by value* method is used to pass the arguments to *function*.
- Has a `check` variable whose value gets updated as explained below.
- **Adds** `num1` and `num2`, and *checks* if their **sum** is **less** than **100** in which case
 - it prints **sum is less than 100**.
 - sets the value of the `check` variable to **0**.
- If **sum** is **greater** than **100**
 - it prints **sum is greater than 100**.
 - sets the value of the `check` variable to **1**.
- If **sum** is **equal** to **100**
 - it prints **sum is equal to 100**
 - sets the value of the `check` variable to **2**.
- At the end it will `return` the **check** variable.

Example

Input: 4, 80

The console should display the follolwing:

Output

84 is less than 100

Note: In the above case the function should set **check** to **0**.

Write your code below. It is recommended that you try solving the exercise yourself before viewing the solution.

Good Luck!

```
#include <iostream>
using namespace std;

int checkSum(int num1, int num2) {
    int check = -1; //set check to 0 if sum is less than 100
                  //set check to 1 if sum is greater than 100
                  //set check to 2 if sum is equal to 100
    cout << "Comparing the value to 100"<<endl;

    //write your code here

    return check;
}
```

