Function-with-context Scenario (English)

I will give you a C++ code that solves a problem but is missing a function definition, a function declaration that is missing a function definition, a problem that the C++ code solves and an input/output example. Your task is to use this function declaration to generate a function definition that fills in the missing parts of the given C++ code and satisfies the time and space constraints. You only need to return the C++ function, without any additional explanatory text. Problem: input integers a and bm output the value of a+b. Function Declaration: int sum a b(int a, int b); Code: #include <iostream> //function start

```
//function end
int main() {
    int a, b;
    std::cin >> a >> b;
    //calling start
     int sum = sum a b(int a, int b);
    //calling end
    std::cout << sum << std::endl;</pre>
    return 0;
```

Input-Output Examples: Input: ```1 2```, Output: ```3```

Time Limit: 1000 ms

Space Limit: 1 MB