

Sample Problem Statement

Introduction

This document contains an example of a problem that might appear in Codeferno. It is provided to help you get familiar with the problem format, input/output style, subtasks, and solutions in different programming languages (C, C++, Python, and Java).

Problem A: Sum of Two Numbers

You are given two integers a and b . Your task is to compute their sum.

Input

Two integers a and b .

Output

Output a single integer, the value of $a + b$.

Constraints

Subtask	Constraints	Points
1	$-10^9 \leq a, b \leq 10^9$	30
2	$-10^{18} \leq a, b \leq 10^{18}$	70

Sample Input

5 7

Sample Output

12

Solutions

C (filename: any .c file)

```
1 #include <stdio.h>
2
3 int main() {
4     long long a, b;
5     scanf("%lld %lld", &a, &b);
```

```
6   printf("%lld\n", a + b);
7 }
```

C++ (filename: any .cpp file)

```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5 int main() {
6     long long a, b;
7     cin >> a >> b;
8     cout << a + b << "\n";
9 }
```

Python (filename: any .py file)

```
1 a, b = map(int, input().split())
2 print(a + b)
```

Java (filename: A.java)

```
1 import java.util.*;
2
3 public class A {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         long a = sc.nextLong();
7         long b = sc.nextLong();
8         System.out.println(a + b);
9     }
10 }
```

Notes

- In C, C++, and Python, the filename does not matter.
- In Java, the filename must match the problem ID. For example, for this problem (Problem A), the file should be named `A.java`.
- Always follow the input/output format strictly. Do not add prompts or extra text.