

My Maya

Owl Code



Apt Logic

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Points: 20

Submissions: 3680



Description

Best of Two

Program Description

Alice and Bob are playing a game. Each player rolls a regular six faced dice 3 times. The score of a player is the sum of the values of the highest 2 rolls. The player with the highest score wins, and the game ends in a Tie if both players have the same score. Find the winner of the game or determine whether it is a tie.

Input Format

A single line of input contains six space-separated integers A1, A2, A3, B1, B2 and B3 — the values Alice gets in her 3 dice rolls, followed by the values which Bob gets in his 3 dice rolls.

Output Format

Output on a new line **Alice** if Alice wins, **Bob** if Bob wins and **Tie** in case of a tie.

Constraints

1<=A1,A2,A3,B1,B2,B3<=6

Input-1

3 2 5 6 1 1

Output-1

Alice

Input-2

4 4 5 6 4 1

Output-2

Bob

Light

C - GCC 11.1.0 ▾

↻ Timer 0:28 sec



```
1 #include <stdio.h>
2 int calculate_score(int rolls[3])
3 {
4     int max1 = 0, max2 = 0;
5     for (int i = 0; i < 3; i++) {
6         if (rolls[i] > max1) {
7             max2 = max1;
8             max1 = rolls[i];
9         } else if (rolls[i] > max2) {
10            max2 = rolls[i];
11        }
12    }
13    return max1 + max2;
14 }
15 int main() {
16     int alice[3], bob[3];
17     scanf("%d %d %d %d %d", &alice[0], &alice[1], &alice[2], &bob[0], &bob[1], &bob[2]);
18     int alice_score = calculate_score(alice);
19     int bob_score = calculate_score(bob);
```

```
20     if (alice_score > bob_score) {
21         printf("Alice");
22     } else if (bob_score > alice_score) {
23         printf("Bob");
24     } else {
25         printf("Tie");
26     }
--
```

 Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	3 2 5 6 1 1	3 2 5 6 1 1	Alice	Alice	1408 KB	3.739 ms	Pass
2	4 4 5 6 4 1	4 4 5 6 4 1	Bob	Bob	1408 KB	2.496 ms	Pass

All hidden testcases passed



Contact

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Light



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