

UCF Local Contest (Qualifying Round) — August 24, 2024

Basketball Score

filename: basket

Difficulty Level: Easy

Time Limit: 5 seconds

There are three types of shots in basketball: 1 pointer (free throw), 2 pointers, and 3 pointers.

The Problem:

Given how many shots of each type two teams made, determine the winner.

The Input:

The first input line contains three integers (each between 0 and 99 inclusive), indicating how many shots of each type Team₁ made. The first integer indicates 1-pointer shots, the second integer indicates 2-pointer shots, and the third integer indicates 3-pointer shots.

The second input line provides the shots made by Team₂, following the same format as the first input line.

The Output:

Print 1, 2 or 0 (zero), indicating which team won or if the game was a tie. The team with higher score (total points) wins. If both teams have the same total points, then the game is a tie.

Sample Input

Sample Output

| | |
|----------------------|---|
| 10 20 30 50 10 10 | 1 |
| 5 5 5 1 99 1 | 2 |
| 1 2 3 0 1 4 | 0 |

Explanation of the First Sample Input/Output:

Score (total points) for Team₁ is 140 and for Team₂ is 100, so Team₁ wins.