Akhil Kathi

04 Hr **13** Min
32 Sec

Coding Area

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Coding Area

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ONLINE EDITOR (C)

Serial and Parallel Percentage of Code

+ Problem Description

Every time project violates an SLA, the project leader interrogates the developer for finding root cause. Typical developer responds by saying that the Server needs more CPU for the code to run fast. Many a times, despite adding more CPUs the code does not scale. The project leader knows that code will scale with addition of CPUs only if code has parallelism. Help Project leader find serial and parallel percentage of the code, given number of CPUs and job completion times

+ Constraints

1 <= Number_of_CPUs <= 10

+ Input Format

The first line contains 1st measurement in format [Number_of_CPUs Job_completion_time].

The second line contains 2nd measurement in format [Number_of_CPUs Job_completion_time]

+ Output

percentage of serial code percentage of parallel code in format [%_Serial_Code %_Parallel_Code]
Output should be upto 2 decimal places

+

+ Explanation

Example 1

Input

1 100

4 100

Output

100.00 0.00

Example 2

Input

2 100

4 50

Output

33.33 66.67

Upload Solution [Question : C]

☐ **I, akhil kathi** confirm that the answer submitted is my own. ☐ Took help from online sources (attributions)

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