All Tracks > Basic Programming > Input/Output > Basics of Input/Output > Problem

Number of steps

👤 126312   ◎ 87%   🗐 30   ★★★★★455 votes   🏷 Basic Programming, Input/Output   ↱ Share

Details   Submissions   Discussion   Editorial

Output format

Print the minimum number of steps that are required to make all a's equal. If it is not possible, then print **-1**.

Constraints

$$0 \le n, a_i, b_i \le 5000$$

Sample input

25 64 3

Sample output

-1

Sample Input 🔗	Sample Output 🔗
5 5 7 10 5 15 2 2 1 3 5	8

Time Limit: 1
Memory Limit: 256
Source Limit:

Explanation

-

Contributers:

👥 Amirreza Poorakhavan

👥 Amirreza Poorakhavan

Enter your code or **Upload your code** as file.   Save   **C++17 (g++ 10.3.0)** ⌄   ⤢   ⚙

```cpp
49         {
50             if(v1[i]==minim) continue;
51             else{
52                 if(v1[i]<v2[i]||(v1[i]-minim)%v2[i]!=0)
53                 {
54                     ok=false;
55                     break;
56                 }
57                 else
58                 {
59                     count+=((v1[i]-minim)/v2[i]);
60                     //cout<<count<<" ";
61                 }
62             }
63         }
64         //cout<<endl;
65         if(ok) {
66             ans=min(ans,count);
```
1:1 vscode

📄 Test against custom input ▼   Compile & Test code   **Submit code**

Submission ID: 104431548

RESULT: ✅ Accepted			⊘ Refer judge environment
Score	**Time (sec)**	**Memory (KiB)**	**Language**
0	0.05859	2	C++17