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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

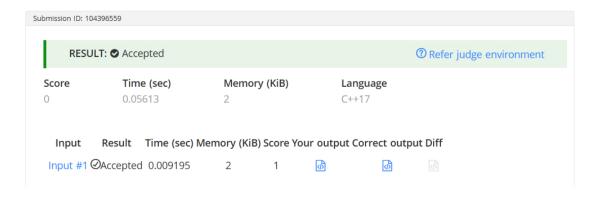
Sample Input	&	Sample Output	%
5	$ \swarrow $	8	$ \swarrow $
5 7 10 5 15			
2 2 1 3 5			

Time Limit: 1
Memory Limit: 256
Source Limit:

```
C++17 (g++ 10.3.0)
Enter your code or Upload your code as file.
29 void solve()
30 ∨ {
          int n; cin>>n;
          vector<int>v1(n),v2(n); fin(v1); fin(v2);
          int minim = min_element(v1.begin(),v1.end()) - v1.begin();
          int sec = v2[minim];
          int x = v1[minim];
          11 ans=INT MAX;
          while(x > = 0)
               11 count=0;
               bool ok=true;
               for(int i=0;i<n;i++)</pre>
42 🗸
                  if(v1[i]==x) continue;
44 🗸
                          if(v1[i]<v2[i]||(v1[i]-x)%v2[i]!=0)
46 🗸
                             ok=false;
                              break;
```

Submit code

Compile & Test code



Test against custom input ▼