Shopee Code League 2022 - Qualification Round

LIVE INVITE ONLY ACCESS

Mar 19, 2022, 02:00 PM WIB - Mar 19, 2022, 05:00 PM WIB

Installation of a Shopee Billboard

Max. score: 100

You are installing a billboard and want it to be at the maximum height. The billboard will have two steel supports, one on each side. The height of each steel bracket must be equal.

You have a number of rebar rods that can be welded together. For example, if the bars are of length *1*, *2*, and *3*, they can be welded together to form a length of *6* brackets.

Return the maximum possible installation height of the billboard. Return 0 if the billboard cannot be installed.

SAMPLE INPUT

```
4
1 2 3 6
```

SAMPLE OUTPUT

```
6
```

Explanation

input: *[1, 2, 3, 6]*

output： *6*

Explanation：We have two disjoint subsets *{1, 2, 3}* and *{6}* with the same sum

sum = 6 .

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Score is assigned when all the testcases pass.
Allowed Languages:	Bash, C, C++, C++14, C++17, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, Java 14, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, Python 3.8, Racket, Ruby, Rust, Scala, Swift-4.1, Swift, TypeScript, Visual Basic

CODE EDITOR

Save C (gcc 10.3)

```
1   /*
2   // Sample code to perform I/O:
3   #include <stdio.h>
4
5 □ int main(){
6       int num;
```

```
    scanf("%d", &num);                    // Reading input from STDIN
    printf("Input number is %d.\n", num);        // Writing output to STDOUT
}

// Warning: Printing unwanted or ill-formatted data to output will cause the test cases to fail
*/

// Write your code here

```

1:1 vscode

Test against custom input

Compile & Test code | Submit code

Tip: You can submit any number of times you want. Your best submission is considered for computing total score.

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