Outside 1
Given an array of integers, reverse the given array in place using an index and loop rather than a built-in function.

Example
arr = [1, 2, 2, 4, 5]
Return the array [5, 4, 2, 2, 7] which is the reverse of the input array.

Function Description
Complete the function reverseArray in the editor below, reverseArray has the following parameter(s):
int arrin(: an array of integers.

Input Format For Custom Testing

The first line contains an integer, n, the number of elements in arr

Each line i of the n subsequent lines (where $0 \le i < n)$ contains an integer, $\arg Z_i$

Sample Case 0

1 s n s 100 0 < arW s 100

Sample Input For Custom Testing

5
1
3
2
4
5
Sample Output
5
4
2
2

Emplanation

The input array is [1, 3, 2, 4, 5], so the reverse of the input array is [5, 4, 2, 3, 1].

Sample Case 1

Sample Input For Custom Testing

4 17 10 21 45 Sample Output 45 21 10

Explanation

The input array is [17, 10, 21, 45], so the reverse of the input array is [46, 21, 10, 17].

Answer: (penalty regime: 0 %)

```
Test

wint arr[] = (1, 3, 2, 4, 3);
int result_(count;
int result = reserved ray(5, arr, &result_s
for (int i = 0; i < result_(count; i++)
printf("main", *(result + i));

Passed all tests! w
```

An automated cutting machine is used to cut rode into segments. The cutting machine can only hold a rod of misk-legish or more, and it can only make one cut at a time. Given the earing heighting ingressing the desired Heights of each segment, determine if it is possible to make the necessary cuts using this machine. The rod is marked into lengths already, in the order given.

Example

n = 3

/engths = (4, 3, 2) minLength = 7

The rod is initially surplengths) = 4 + 3 + 2 = 9 units long. First cut off the segment of length 4 + 3 = 7 leaving a rod 9 - 7 = 2. Then check that the length 7 rod can be cut into segments of lengths 4 and 3. Since 7 is greater than or equal to minLength = 7, the final cut can be made. Return "Possible".

Example

n = 3

/engths = (4, 2, 3)

minLength = 7

The rod is initially sum/lengths) = 4+2+3+9 units long. In this case, the initial cut can be of length 4 or 4+2=6. Regardless of the length of the first cut, the remaining piece will be shorter than mail-right, Because n-1=2 outs cannot be made, the answer is 'impossible'.

Function Description

Complete the function out ThemAV in the editor below.

cutThemAll has the following parameter(s): int $\langle engths \langle n \rangle \rangle$ the lengths of the segments, in order int minLength: the minimum length the machine can accept

string: "Possible" if all ri-1 cuts can be made. Otherwise, return the string "Impossible".

Constraints

- 7 s t s 10° 7 s lengthu(l) s 10°
- The sum of the elements of lengths equals the uncut rod

Input Format For Custom Testing

The first line contains an integer, n, the number of elements

Each line i of the n subsequent lines (where $0 \le i < n\}$ contains an integer, lengths[ii]

Sample Case 0

Sample Input For Custom Testing

STOIN Function

- 4 → lengths[] size n = 4
- 3 → lengths[] = [3, 5, 4, 3]

- 9 minLength= 9

Sample Output

Possible

The uncut rod is 3+5+4+3=15 units long. Cut the rod into lengths of 3+5+4=12 and 3. Then cut the 12 unit piece into lengths 3 and 5+4=9. The remaining segment is 5+4=9 units and that is long enough to make the final cut.

Sample Case 1

Sample Input For Custom Testing

STDIN Function

- 3 → lengths[] size n = 3
- 5 → lengths[] + [5, 6, 2]
- 12 → minLength+ 12

Sample Output

Impossible

The uncut rod is 5+6+2=13 units long. After making either cut, the rod will be too short to make the second out.

Answer: (penalty regime: 0 %)

Reset answer

Lossinic

Explanation

The uncut rod is 3+5+4+3=15 units long. Cut the rod into lengths of 3+5+4=12 and 3. Then cut the 12 unit piece into lengths 3 and 5+4=9. The remaining segment is 5+4=9 units and that is long enough to make the final cut.

Sample Case 1

Sample Input For Custom Testing

```
STDIN Function

3 → lengths[] size n = 3

5 → lengths[] = [5, 6, 2]

6

2

12 → minLength= 12
```

Sample Output

Impossible

Explanation

The uncut rod is 5 + 6 + 2 = 13 units long. After making either cut, the rod will be too short to make the second cut.

Answer: (penalty regime: 0 %)

```
Reset answer
          * Complete the 'cutThemAll' function bel
         * The function is expected to return a 
* The function accepts following parame
* 1. LONG_INTEGER_ARRAY lengths
* 2. LONG_INTEGER minLength
        /*
 * To return the string from the function
         * for example,
* char* return_string_using_static_allog
* static_char s[] = *static_allocati
 13
14 +
15
 16
17
         4 }
  18
         * char* return_string_using_dynamic_alld

* char* s = malloc(100 * sizeof(char
  20 .
  21
                  s = "dynamic allocation of string"
 24
25
                 return s;
 26
27
 28
       #include<stdio.h>
char* cutThemAll(int lengths_count, long
             long totalLength=0;
 33
34
              for(int 1=0;i<lengths_count;i++)
                    totalLength+=lengths[i];
 35
              long currentLength = 0;
for(int i=0;i<lengths_count -1;i++)</pre>
 37
38
 39
                    currentLength+-lengths[i];
long remainingLength-totalLength-
if(remainingLength > minLength)
 41
 43
44
45
                           return "Possible";
 46
 47
              return "Impossible";
 48
 49
 50
51
  52
```