Duration 59 mins 48 secs Question 1 Given an array of integers, reverse the given array in place using an index and loop rather than a built-in function. Correct Example arr = [1, 3, 2, 4, 5]₹ Flag question Return the array [5, 4, 2, 3, 1] 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 arr[n]: an array of integers Return int[n]: the array in reverse order Constraints $1 \le n \le 100$ $0 < arr[i] \le 100$ Input Format For Custom Testing The first line contains an integer, n_r the number of elements in arr. Each line i of the n subsequent lines (where $0 \le i \le n$) contains an integer, arr[i]. Sample Case 0 Sample Input For Custom Testing Sample Output Explanation 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 17 21 45 Sample Output 45 21 10 17 The input array is [17, 10, 21, 45], so the reverse of the input array is [45, 21, 10, 17]. Answer: (penalty regime: 0 %) Reset answer 1 - /*
2 Complete the 'reverseArray' Tunction below. * The function is expected to return an INTEGER_ARRAY.

* The function accepts INTEGER_ARRAY arm as parameter. /*
* To return the integer array from the function, you should:
- Store the size of the array to be returned in the result_count variable
- Allocate the array statically or dynamically " For example,
" int" return integer array using static_allocation(int" result_count) (
" "result_count = 5; static int a[5] = (1, 2, 3, 4, 5); * } return a; * Int* return integer array using dynamic allocation(int* result count) {
 * fresult count = 5;

```
int *a = malloc(5 * sizeof(int));
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27
             for (int i = 0; i < 5; i \leftrightarrow) ( *(a + i) = i + 1;
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             )
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33
34
              return a;
       •
      ^{\pi/}_{\rm int^{\pm}} reseases. Are as I int ^{\pm} are I int ^{\pm} result count) I
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         return reversed arr;
free(reversed_arr);
    1
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Expected Got
  Passed all tests!
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Outsine 2
An automated cutting machine is used to cut rode into segments. The cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can only hold a rod of microspile or more, and it can not consider the cutting machine can not can not consider the cutting machine can not can not consider the cutting machine can not consider the cutting machine can not can

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n - 3

tongths = [4, 3, 7]

minLength - 7
```

```
lengths = [4, 2, 3]
unintength = 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 the first cut, the remaining piece will be shorter than mini ength. Because n + 1 = 2 cuts cannot be made, the answer is "impossible."

cutThemAll has the following parameter(s): int lengthsiny: the lengths of the segments, in order int minLength: the minimum length the machine can a

Input Format For Custom Testing

Sample Case 0 Sample Input For Custom Testi

STDIN Function

The uncut rod is J+5+4+J=15 units long. Cut the rod into lengths of J+5+4=12 and 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 Testi

STDIN Function

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

Sample Outpo

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2 * Complies the 'estThemill' function below.

4 * The function is expected to return a SIRING.

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8 * 7 * 1 × 100m, preside mixturght.
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onst thur" cutthenalizint n, long "lengths, long mincength) {
int total_length-0;
int corrent_out_length-0;
for(int 1-0;on(i)+)}{
total_length-1engths[1];
}
}
                     total_tength=tengths[1];
for(int i=0;in;i+){
    current_cut_length=lengths[1];
    if((total_length_current_cut_length)=mintength)[
    return "Possible";
```

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Test Superior Superi
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