

```

1  /*
2  * Complete the 'reverseArray' function b
3  *
4  * The function is expected to return an
5  * The function accepts INTEGER_ARRAY arr
6  */
7
8  /*
9  * To return the integer array from the f
10 *     - Store the size of the array to b
11 *     - Allocate the array statically or
12 *
13 * For example,
14 * int* return_integer_array_using_static
15 *     *result_count = 5;
16 *
17 *     static int a[5] = {1, 2, 3, 4, 5};
18 *
19 *     return a;
20 * }
21 *
22 * int* return_integer_array_using_dynami
23 *     *result_count = 5;
24 *
25 *     int *a = malloc(5 * sizeof(int));
26 *
27 *     for (int i = 0; i < 5; i++) {
28 *         *(a + i) = i + 1;
29 *     }
30 *
31 *     return a;
32 * }
33 *
34 */
35 int* reverseArray(int arr_count, int *arr
36     *result_count = arr_count;
37     static int rev[100];
38     int i,j=0;
39     for(i=arr_count-1;i>=0;i--)
40     rev[j++] = arr[i];
41     return rev;
42 }
43
44

```

| | Test |
|---|---|
| ✓ | <pre> int arr[] = {1, 3, 2, 4, 5}; int result_count; int* result = reverseArray(5, arr, &result_c for (int i = 0; i < result_count; i++) printf("%d\n", *(result + i)); </pre> |

Passed all tests! ✓

```

1  /*
2  * Complete the 'cutThemAll' function below
3  *
4  * The function is expected to return a string
5  * The function accepts following parameters:
6  * 1. LONG_INTEGER_ARRAY lengths
7  * 2. LONG_INTEGER minLength
8  */
9
10 /*
11 * To return the string from the function
12 *
13 * For example,
14 * char* return_string_using_static_allocation()
15 *     static char s[] = "static allocation of string"
16 *
17 *     return s;
18 * }
19 *
20 * char* return_string_using_dynamic_allocation()
21 *     char* s = malloc(100 * sizeof(char))
22 *
23 *     s = "dynamic allocation of string"
24 *
25 *     return s;
26 * }
27 *
28 */
29 char* cutThemAll(int lengths_count, long
30     int s=0;
31     for(int i=0;i<lengths_count-1;i++)
32     {
33         s+=*(lengths+i);
34     }
35     if(s>=minLength)
36     {
37         return "Possible";
38     }
39     else
40     {
41         return "Impossible";
42     }
43 }
44

```

| | Test | Ex |
|---|---|----|
| ✓ | long lengths[] = {3, 5, 4, 3}; printf("%s", cutThemAll(4, lengths, 9)) | Po |
| ✓ | long lengths[] = {5, 6, 2}; printf("%s", cutThemAll(3, lengths, 12)) | Im |

Passed all tests! ✓