

# sudhanshu r 240801340 week 15

Week 15: Pointers: Attempt review | REC-CIS - Google Chrome

Not secure | rajalakshmicolleges.org/moodle/mod/quiz/review.php?attempt=158616&cmid=404

REC-CIS

```
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 n, int *a, int *rc) {
36     *rc = n;
37     int *b = (int*) malloc(sizeof(int) * n);
38     for (int i = 0; i < n; i++) {
39         b[i] = a[n - i - 1];
40     }
41     return b;
42 }
```

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

Passed all tests! ✓

24°C Mostly cloudy

Search

ENG IN

01:35 15-01-2025

## REC-CIS

```
28 */
29 #include<stdio.h>
30 char* cutThemAll(int lengths_count, long *lengths, long minLength)
31 {
32     long t=0,i=1;
33     for(int i=0;i<=lengths_count-1;i++){
34         t+=lengths[i];
35     }
36     do{
37         if(t-lengths[lengths_count-1]<minLength){
38             return "Impossible";
39             i++;
40         }while(i<lengths_count-1);
41         return "Possible";
42     }
```

	Test	Expected	Got	
✓	long lengths[] = {3, 5, 4, 3}; printf("%s", cutThemAll(4, lengths, 9))	Possible	Possible	✓
✓	long lengths[] = {5, 6, 2}; printf("%s", cutThemAll(3, lengths, 12))	Impossible	Impossible	✓

Passed all tests! ✓

Finish review