

Week 6 : Programming Assignment 1

Due on 2023-09-07, 23:59 IST

Write a C Program to find Largest Element of an Integer Array.

Here the number of elements in the array 'n' and the elements of the array is read from the test data.

Use the printf statement given below to print the largest element.

```
printf("Largest element = %d", largest);
```

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	4			
	-400	Largest element = -50	Largest element = -50	Passed
	-800			
	-700			
	-50			
Test Case 2	7			
	60			
	70			
	200	Largest element = 200	Largest element = 200	Passed
	12			
	40			
	-90			
	60			

The due date for submitting this assignment has passed.

2 out of 2 tests passed.

You scored 100.0/100.

Assignment submitted on 2023-09-04, 17:03 IST

Your last recorded submission was :

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int i, n, largest;
6     int arr[100];
7
8     scanf("%d", &n); /*Accepts total number of elements from the test data */
9
10    for(i = 0; i < n; ++i)
11    {
12        scanf("%d", &arr[i]); /* Accepts the array element from test data */
13    }
14    largest = arr[0];
15
16    for(i=0; i<n; i++)
17    {
18        if(arr[i]>largest){
19            largest= arr[i];
20        }
21    }
22
23    printf("Largest element = %d", largest);
24
25
26 }
```