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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Problem Solving Through Programming In C (course)

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Course outline

How does an NPTEL online course work? ()

Week 0 : ()

Week 1 ()

Week 2 ()

Week 3 ()

Week 4 ()

Week 5 ()

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);

Your last recorded submission was on 2023-08-30, 20:53 IST

Select the Language for this assignment. C ⌄

```c
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 dat
9
10   for(i = 0; i < n; ++i)
11      {
12          scanf("%d", &arr[i]); /* Accepts the array element from test data
13      }
14  int max=arr[0];
15  for(int i=1;i<n;i++)
16  {
17    if(max<arr[i])
18    {
19      max=arr[i];
20    }
21  }
22  printf("Largest element = %d",max);
23  return 0;
24  }
```

Week 6 ()

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Problem Solving Session - July 2023 ()

You may submit any number of times before the due date. The final submission will be considered for grading.

This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program , your assignment will not be graded and you will not see your score after the deadline.

Save as **D**raft	**C**ompile & Run	**S**ubmit	**R**eset

Sample Test Cases

	Input	Output
Test Case 1	5 10 50 40 30 20	Largest element = 50
Test Case 2	7 100 50 60 70 90 30 40	Largest element = 100