Week-06 Program-01

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);

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 -400 -800 -700 -50</td>
<td>Largest element = -50</td>
</tr>
<tr>
<td>7 60 70 200 12 40 -90 60</td>
<td>Largest element = 200</td>
</tr>
</tbody>
</table>

Due on 2020-03-12, 23:59 IST
The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```c
#include <stdio.h>
int main()
{
    int i, n, largest;
    int arr[100];
    scanf("%d", &n); /*Accepts total number of elements from the test data*/
    for(i = 0; i < n; ++i)
    {
        scanf("%d", &arr[i]); /* Accepts the array element from test data*/
    }
    largest = arr[0];
    for(i = 1; i < n; ++i)
    {
        if(largest < arr[i])
            largest = arr[i];
    }
    printf("Largest element = %d", largest);
    return 0;
}
```