
 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 3</b>	<b>Name : VEDANT BHARAD</b>	
<b>Day : 52</b>	<b>Date : 08/12/2022</b>	<b>Enrollment No: 92100133023</b>

## CP Club 365Days Challenge

Programming language – c++

### Problem Statement


[https://practice.geeksforgeeks.org/problems/ishaan-loves-chocolates2156/1?page=1&difficulty\[\]=-1&category\[\]=Arrays&sortBy=accuracy](https://practice.geeksforgeeks.org/problems/ishaan-loves-chocolates2156/1?page=1&difficulty[]=-1&category[]=Arrays&sortBy=accuracy)

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## Your Code:

```
// 0x51Day of 0x365Days challenge
// VEDANT BHARAD
// 07-12-2022
//[ Driver Code Starts
#include<bits/stdc++.h>
using namespace std;
class Array
{
public:
    template <class T>
    static void input(vector<T> &A,int n)
    {
        for (int i = 0; i < n; i++)
        {
            scanf("%d ",&A[i]);
        }
    }
    template <class T>
    static void print(vector<T> &A)
    {
        for (int i = 0; i < A.size(); i++)
        {
            cout << A[i] << " ";
        }
        cout << endl;
    }
};
// } Driver Code Ends
class Solution {
public:
    int chocolates(int n, vector<int> &arr) {
        // code here
        int lit=arr[0];
        for(int loop=0;loop<n;loop++)
        {
            if(lit>=arr[loop])
            {
                lit=arr[loop];
            }
        }
        return lit;
    }
};
//[ Driver Code Starts.

int main(){
    int t;
    scanf("%d ",&t);
    while(t--){
        int n;
        scanf("%d",&n);
        vector<int> arr(n);
```

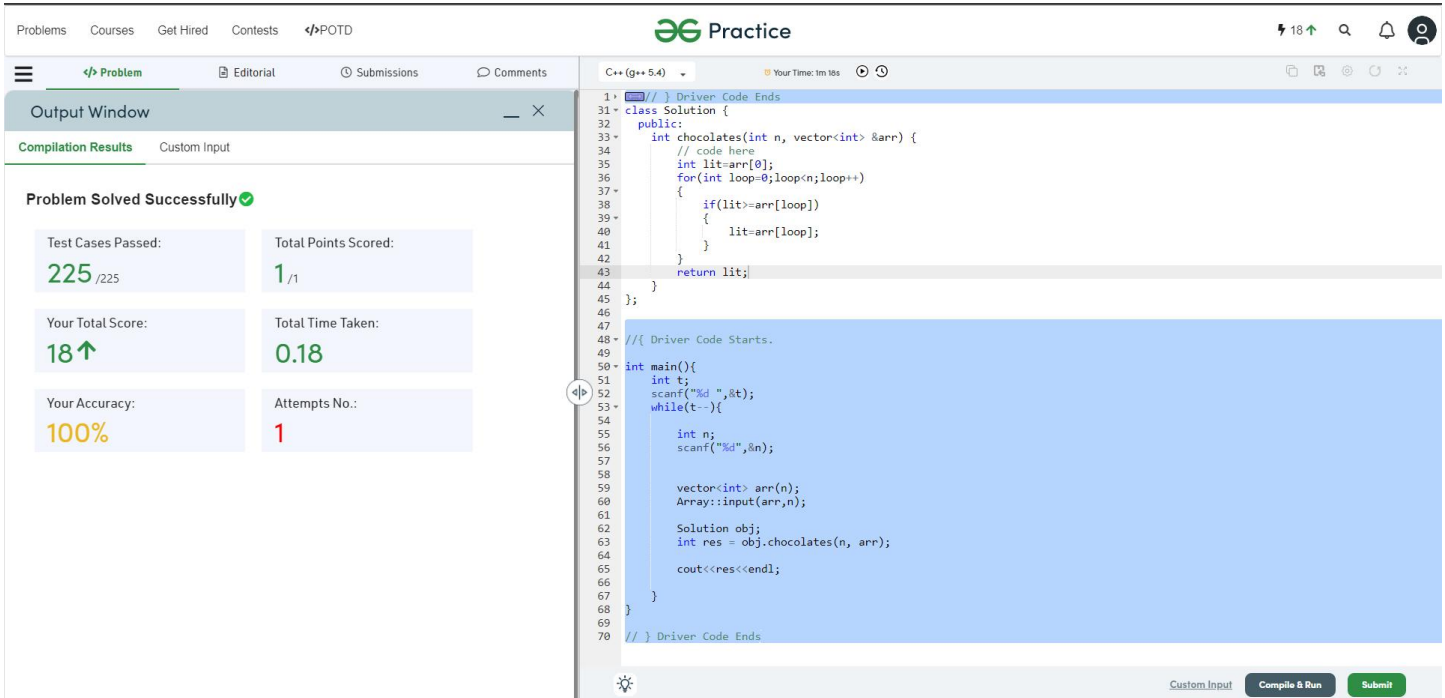
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```

Array::input(arr,n);
Solution obj;
int res = obj.chocolates(n, arr);
cout<<res<<endl;
}
}
// } Driver Code Ends

```

## Output (Screen Shot):



The screenshot displays the 'Practice' platform interface. On the left, the 'Output Window' shows 'Compilation Results' with a green checkmark indicating 'Problem Solved Successfully'. It lists 'Test Cases Passed: 225 / 225', 'Your Total Score: 18', and 'Your Accuracy: 100%'. The main editor shows a C++ solution for the 'chocolates' problem. The code defines a 'Solution' class with a 'chocolates' method that takes an integer 'n' and a vector of integers 'arr'. The method uses a loop to find the smallest chocolate square. The driver code in 'main()' reads the input 'n' and 'arr', creates a 'Solution' object, and calls the 'chocolates' method to print the result.

## Understanding about problem:

- In this task there will be one array of numbers chocolate squares.
- In this task I need to return smallest chocolate square.

**Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.**

**ALL THE BEST**  
Team CP Club