	Marwadi University
	Marwadi University
	Faculty of Technology
	Department of Information and Communication Technology
Sem : 4	**Name : VEDANT BHARAD**	
Day : 101	**Date : 26/1/2023**	**Enrollment No: 92100133023**

CP Club 365 Days Challenge

Programming language – C++

Problem Statement
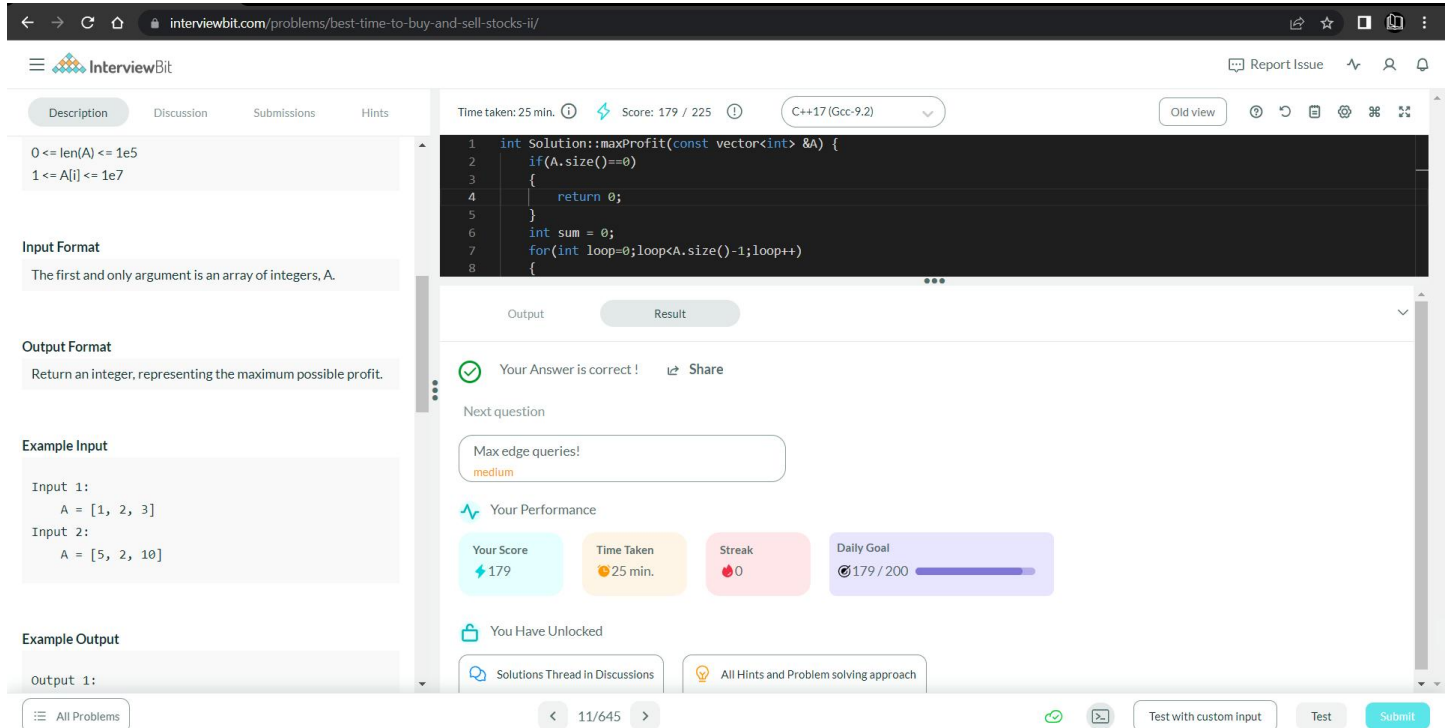
https://www.interviewbit.com/problems/best-time-to-buy-and-sell-stocks-ii/

Git :- https://github.com/Vedantbharad2603/CP_club_365_Days

Your Code:

```cpp
// 0x101Day of 0x365Days challenge
// VEDANT BHARAD
// 26-1-2023
#include <bits/stdc++.h>
using namespace std;
int Solution::maxProfit(const vector<int> &A) {
    if(A.size()==0)
    {
        return 0;
    }
    int sum = 0;
    for(int loop=0;loop<A.size()-1;loop++)
    {
        if(A[loop+1] > A[loop])
        {
            sum += A[loop+1]-A[loop];
        }
    }
    return sum;
}
int main()
{
    vector<int> v;
    int arr[] = {1, 2, 3};
    int N = sizeof(arr) / sizeof(arr[0]);
    for (int i = 0; i < N; i++)
        v.push_back(arr[i]);
    cout<<maxProfit(v);
    return 0;
}
```

Output (Screen Shot):

Understanding about problem:

● In this task I need to return one int number which is max Profit from given array of Stocks price.

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