
 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 4	Name : VEDANT BHARAD	
Day : 67	Date : 23/12/2022	Enrollment No: 92100133023

CP Club 365Days Challenge

Programming language – Python

Problem Statement

<https://practice.geeksforgeeks.org/problems/burst-balloons/1>

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Your Code:

```
# 0x67Day of 0x365Days challenge
# VEDANT BHARAD
# 23-12-2022
from typing import List
class Solution:
    def maxCoins(self, N : int, arr : List[int]) -> int:
        # code here
        tempArr = [[0 for loop in range(N + 2)] for loop in range(N + 2)]
        arr.append(1)
        arr.insert(0,1)
        ans=0
        for loop in range(N, 0, -1):
            for loop2 in range(loop, N + 1):
                ans = 0
                for loop3 in range(loop, loop2 + 1):
                    tempsum = arr[loop-1]*arr[loop3] *arr[loop2+1]+tempArr[loop][loop3-1]+tempArr[loop3+1][loop2]
                    ans = max(ans, tempsum)
                tempArr[loop][loop2] = ans
        return ans

#{
# Driver Code Starts
class IntArray:
    def __init__(self) -> None:
        pass
    def Input(self,n):
        arr=[int(loop) for loop in input().strip().split()]#array input
        return arr
    def Print(self,arr):
        for loop in arr:
            print(loop,end=" ")
        print()
if __name__=="__main__":
    t = int(input())
    for _ in range(t):


        N = int(input())

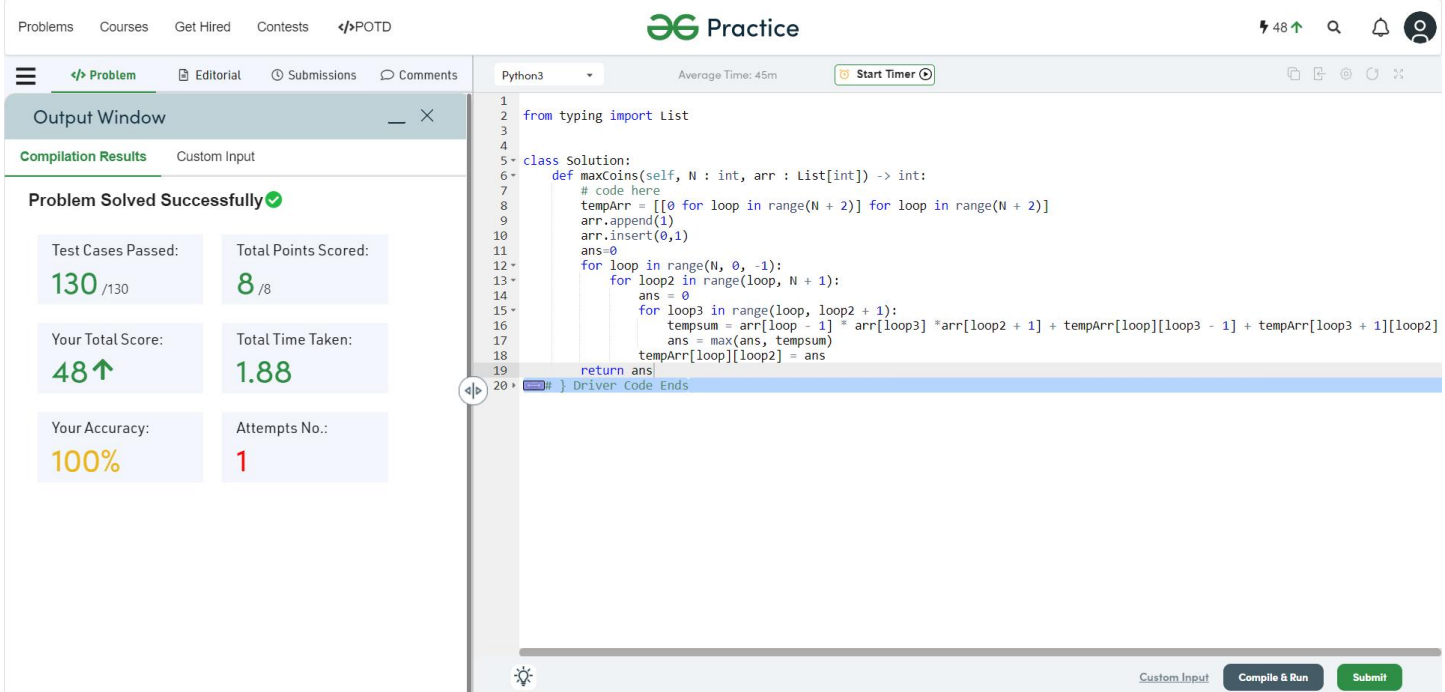
        arr=IntArray().Input(N)

        obj = Solution()
        res = obj.maxCoins(N, arr)

        print(res)
# } Driver Code Ends
```

Output (Screen Shot):

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The screenshot shows a coding practice interface with the following details:

- Problem Status:** Problem Solved Successfully ✓
- Test Cases Passed:** 130 / 130
- Total Points Scored:** 8 / 8
- Your Total Score:** 48 ↑
- Total Time Taken:** 1.88
- Your Accuracy:** 100%
- Attempts No.:** 1

The code editor shows a Python solution for a problem involving finding the maximum coins from an array. The code is as follows:

```

1
2 from typing import List
3
4
5 class Solution:
6     def maxCoins(self, N : int, arr : List[int]) -> int:
7         # code here
8         tempArr = [[0 for loop in range(N + 2)] for loop in range(N + 2)]
9         arr.append(1)
10        arr.insert(0,1)
11        ans=0
12        for loop in range(N, 0, -1):
13            for loop2 in range(loop, N + 1):
14                ans = 0
15                for loop3 in range(loop, loop2 + 1):
16                    tempsum = arr[loop - 1] * arr[loop3] * arr[loop2 + 1] + tempArr[loop][loop3 - 1] + tempArr[loop3 + 1][loop2]
17                    ans = max(ans, tempsum)
18                tempArr[loop][loop2] = ans
19        return ans
20
21 Driver Code Ends

```

Understanding about problem:

This task is tricky In this task I need to find maximum coins from the array using a specific method.

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