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CS5A


DAA Lab PBL Problem : Handshaking Problem

SALE

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 Problem

Editorial

Submissions


Comments

Output Window

Compilation Results

Custom Input

Y.O.G.I. (AI Bot)

Problem Solved Successfully 

[Suggest Feedback](#)


Test Cases Passed

30 / 30


Attempts : Correct / Total

1 / 1

Accuracy : 100%

Points Scored 

4 / 4

Your Total Score: 38 

Time Taken


0.09

Solve Next

Combination Sum





Count of sum of consecutive

Max Sum without Adjacent 2


Kick start your career with GfG 160! 

Java (1.8)

Start Timer

```
1 // } Driver Code Ends
24
25
26 //User function Template for Java
27
28 class Solution {
29     public int count(int N) {
30         int[] dp = new int[N + 1];
31         dp[0] = 1;
32         dp[2] = 1;
33
34         for (int i = 4; i <= N; i += 2) {
35             int a = 0;
36             int num = i / 2;
37             int x = 2;
38             int y = 0;
39
40             while (num-- > 0) {
41                 a += dp[i - x] * dp[y];
42                 x += 2;
43                 y += 2;
44             }
45
46             dp[i] = a;
47         }
48
49         return dp[N];
50     }
51 }
52
```



Custom Input

Compile & Run

Submit