

# ← Practice Programming Problems / Candy Distribution 2 Candy Distribution 2 Submissions Attempted by: 196 | Solved by: 137 | Partially Solved by: 12 | ★★★★ Combinatorics Easy Math Edit Problem Editorial My Submissions Analytics

It is Jawa's birthday today. His each friend tells him the least number of toffees he wants. Later, his friends together decided that if he is able to satisfy the condition of atleast one of his friends than they will buy him a \$1000 gift.

You have to help Jawa to decide the minimum number of toffees he need to buy to satisfy his friends conditions. This minimum number of toffees in any possible distribution should satisfy his friends condition.

### Input:

First line contains a single integer T denoting number of test cases.

First line of each test case contains a single integer N denoting number of his friends. Second line of each test case contains N space separated integers denoting the least number of toffees his each friend want.

### Output:

For each test case output single integer denoting minimum number of toffees he needs to buy to satisfy the condition.

### **Constraints:**

```
1<=T<=10
1<=N<=100000
1<=A<sub>i</sub><=10000000000
```

### Sample Input (Plaintext Link)

```
2
3
8 6 9
1
4
```

### Sample Output (Plaintext Link)

21 4

Time Limit: 1 sec(s) for each input file.

Memory Limit: 256 MB Source Limit: 1024 KB

Marking Scheme: Marks are awarded if any testcase passes.

Allowed languages: C, CPP, CLOJURE, CSHARP, GO, HASKELL, JAVA, JAVASCRIPT, JAVASCRIPT\_NODE, LISP, OBJECTIVEC, PASCAL, PERL, PHP, PYTHON, RUBY, R, RUST, SCALA

# Complete Profile

\*Excellent profile will increase your profile discoverability and keep you on top among others.

### PROBLEMS SUGGESTED FOR YOU

Xenny and Uniqueness

Solved by 541

**Lunch Boxes** 

Solved by 136

Array's Problem

Solved by 11

more...

# RECENT SUBMISSIONS

User	Result	Time	Lang
kailash		2.2431	C++
kailash		2.2842	C++
007		2.2589	C++
007		2.2746	C++
007		2.2513	C++
Ankit Ch		2.5091	PHP
Filimono		0.9562	C++
View All			

## TRENDING NOTES

### Number Theory - III

written by Boris Sokolov

### **Exact String Matching Algorithms**

written by Alei Reyes

### Binary Indexed Tree or Fenwick Tree

written by Chandan Mittal

### Small tricks in for loop

written by Rangeesh

### Strings And String Functions

written by Vinay Singh

more ...

### **DEVELOPERS TO FOLLOW**



Ashish Tajane 2 followers



Nirwan Dogra 17 followers



Anirban Saha 3 followers

### **COMPANIES TO FOLLOW**

### Practo

5293 followers

### Kuliza

973 followers

### **Xseed Education**

687 followers

### RECOMMENDED CHALLENGES



# SUBSCRIBE TO HACKEREARTH NEWS bhawnesh.dipu@gmail.com Subscribe

JOIN PROGRAMMING CLUB ON FACEBOOK

Join now

ABOUT US	HACKEREARTH	DEVELOPERS	
Blog	API	AMA	
Engineering Blog	Chrome Extension	Code Monk	
Updates & Releases	CodeTable	Judge Environment	
Team	HackerEarth Academy	Solution Guide	

### Candy Distribution 2 | Solve programming problems on HackerEarth

Careers Developer Profile Problem Setter Guide

In the Press Resume Practice Problems

Campus Ambassadors HackerEarth Challenges

Get Me Hired College Challenges
Privacy

Terms of Service

### **RECRUIT**

**Developer Sourcing** 

Lateral Hiring

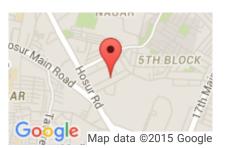
Campus Hiring

FAQs

Customers

Annual Report

### **REACH US**



Illrd Floor, Salarpuria Business Center, 4th B Cross Road, 5th A Block, Koramangala Industrial Layout, Bangalore, Karnataka 560095, India.

**\** +91-80-4155-4695

**\( +1-650-461-4192** 





© 2015 HackerEarth