



STUDENT REPORT

DETAILS

Name

N Prateeth Bharadwaj

Roll Number

3BR21EC109

EXPERIMENT

Title

FIND MISSING NUMBER

Description

You have been given an array containing N distinct integers taken from the range 1 to N+1. This means there is one Integer missing from the range. Your task is to write a program to find and return the missing integer.,

Input:

An integer N ($1 \leq N \leq 10^5$) representing the number of elements in an array

The second line contains n space separated integers.

Sample Input:

5

6 4 1 3 5 7

Sample Output:

2

Source Code:

```
N=int(input())
a=list(map(int,input().split()))
n=len(a)+1
actual=n*(n+1)//2
exp=sum(a)
print(actual-exp)
```

RESULT

5 / 5 Test Cases Passed | 100 %