Logo

STUDENT REPORT

DETAILS

Name

A.Padmini

Roll Number

3BR21CS002

EXPERIMENT

Title

CANDIES

Description

Once upon a time in a candy store, there were colorful candies of various flavors. Each candy had a price tag, and the candies were arranged on the shelves in a certain order. Customers came in one by one, and each customer wanted to buy as many candies as they could with a fixed amount of money.

Input format:

The first line contains an integer which reprsents the no of candies.

The second line contain space seperated integers which reprsent the price of each candy.

The third line contains an integer which reprsents the money the user has.

Example:

5

1 2 3 4 5

10

Sample output:

4

Source Code:

```
n=int(input())
a=list(map(int,input().split()))
b=int(input())
a.sort()
s=0
res=0
for i in a:
    if s+i<=b:
        s+=i
        res+=1
print(res)
```

RESULT

5 / 5 Test Cases Passed | 100 %