

Book reading 4

Problem

Submissions

Leaderboard

Discussions

Babul likes to read books. He has N books and they take different times to finish each. He has arranged all the books in a order of finishing time to read them. So the first book will need the least time to finish and the last book will take the most time. He as T time to read.

He has given how a list of N number in increasing order. The numbers are the times to finish the books.

You have to tell him how many books he can finish reading at most in T time.

Input Format

The first line of input will contain two integers N and T , the number of books and the time he has in total. The next line will contain N numbers in increasing order.

Constraints

- $1 \leq N \leq 10^5$
- $0 \leq T \leq 10^9$

Output Format

Print a single integer, the maximum number of books babul can finish reading in T time.

Sample Input 0

```
10 33
1 3 4 6 8 10 12 15 23 36
```

Sample Output 0

```
6
```





Submissions: [610](#)

Max Score: 20

Difficulty: Medium

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