

## 1. Unexpected Demand

A widget manufacturer is facing unexpectedly high demand for its new product,. They would like to satisfy as many customers as possible. Given a number of widgets available and a list of customer orders, what is the maximum number of orders the manufacturer can fulfill in full?

### Function Description

Complete the function *filledOrders* in the editor below. The function must return a single integer denoting the maximum possible number of fulfilled orders.

*filledOrders* has the following parameter(s):

*order* : an array of integers listing the orders

*k* : an integer denoting widgets available for shipment

### Constraints

- $1 \leq n \leq 2 \times 10^5$
- $1 \leq order[i] \leq 10^9$
- $1 \leq k \leq 10^9$

#### ▼ Input Format For Custom Testing

The first line contains an integer, *n*, denoting the number of orders.

Each line *i* of the *n* subsequent lines contains an integer *order[i]*.

Next line contains a single integer *k* denoting the widgets available.

#### ▼ Sample Case 0

##### Sample Input For Custom Testing

```
2
10
30
40
```

##### Sample Output

```
2
```

##### Explanation

*order* = [10,30] with 40 widgets available. Both orders can be fulfilled.

#### ▼ Sample Case 1

##### Sample Input For Custom Testing

```
3
5
4
6
3
```

##### Sample Output

```
0
```

##### Explanation

*order* = [5,4,6] with 3 widgets available  
None of the orders can be fulfilled.