# Drama King 1

locked

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Once upon a time there was a king who loved dramas. He built a new stage in his palace to visualize dramas. This stage can hold maximum of W weight. He bought up set of new rules to his citizens to fulfil his satisfaction by watching dramas. Followings were those rules.

- Every day, there should be a new drama.
- Every drama should have different combination of performers.
- The stage should be fully occupied from W weight.

There are N number of people in the city and their weights are given.
Assuming all the people in the city (N) can perform dramas, how many days, this country will manage to present dramas to their king?

### Input Format

The first line contains two space seperate integers, N and W, denoting the number of people in the city and maximum weight that the stage can hold.

The second line contains N space-separated integers describing the weights of N people in the city.

### Constraints

0 < N < 100000
0 < W < 1000000

### Subtask

For **30%** of the score 0 < W < 500

### Output Format

Print the number of days, that people will manage to present dramas.

### Sample Input 0

```
5 8
1 2 4 6 3
```

### Sample Output 0

```
2
```

Submissions: 28
Max Score: 80
Difficulty: Medium

Rate This Challenge:

More

C++

```cpp
#include <cmath>
#include <cstdio>
#include <vector>
#include <iostream>
#include <algorithm>
using namespace std;


int main() {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}

```

Line: 1 Col: 1

Upload Code as File  Test against custom input  Run Code  Submit Code