Problem A

You have a skewed random number generator that outputs the number i with percentage probs[i]. Given that you have generated n numbers, return the probability (between 0 and 1) that value has been generated more times than any of the other numbers.

- probs will contain between 1 and 5 elements inclusive.
- Each element of probs will be between 1 and 100 inclusive.
- The elements of probs will sum to 100.
- n will be between 1 and 15 inclusive.
- value will be between 0 and N-1 inclusive, where N is the number of elements in probs.

See examples for input/output format.

```
A.IN
3
2
50 50
0
2
50 50
9
0
4
5 50 20 25
15
1
```

```
A.OUT
0.25
0.5
0.7947486656372071
```