**183. Wood Cut**

中文

English

Given n pieces of wood with length L[i] (integer array). Cut them into small pieces to guarantee you could have equal or more than k pieces with the same length. What is the longest length you can get from the n pieces of wood? Given L & k, return the maximum length of the small pieces.

**Example**

**Example 1**

Input:

L = [232, 124, 456]

k = 7

Output: 114

Explanation: We can cut it into 7 pieces if any piece is 114cm long, however we can't cut it into 7 pieces if any piece is 115cm long.

**Example 2**

Input:

L = [1, 2, 3]

k = 7

Output: 0

Explanation: It is obvious we can't make it.

**Challenge**

O(n log Len), where Len is the longest length of the wood.

**Notice**

You couldn't cut wood into float length.

If you couldn't get >= *k* pieces, return 0.