6714 project part2

Set the threshold as sum of the largest value -1 in each cycle
First find each term's largest value and sort them
For example , we have four terms a b c d and each terms have lagest value 2 , 3, 4, 5
Then we have a list of term and list of largest score like this
Term [a, b ,c , d]
Largest score [2 , 3 , 4 ,5]
Then we sum the score as its order , then we have the threshold list
[2 , 5 , 9 , 14]
Then all -1 ,have
[1, 4 ,8 , 13]
Start threshold still the -inf ,then update as each sum when have k answer
Use this as the threshold would find the correct answer
Because this list is the best situation of each dic order
it may happen ,so use the sum -1 to find the best situation .
and each k answer cycle to refresh the threshold to a new sum
when the search update to a new sum ,mean the sum before have already find k answers
if not ,it would not update . so the algorithm would keep find the score > before sum
so each refresh update to a new level ,and if in this level have no k answer ,it would not update.
and after update .
if the score > new level , it would refresh the order answer.
So it would find the correct answer