Candies  
  
There are N different candies in a candy store.  
You are given prices of N candies denoted by an array.  
A special offer states that on every purchase of candy, you get at most K candies which are available in the shop for absolutely free of cost.  
Find the minimum and maximum total amount of money you have to pay to buy all N candies.  
  
Note  
Candy cannot be bought twice.  
The index of the array starts from 1.  
  
Function Description  
In the provided code snippet, implement the provided minMaxCandies(...) method using the variables to print the minimum and the maximum total amount of money you have to pay to buy all N candies. You can write your code in the space below the phrase “WRITE YOUR LOGIC HERE”.   
  
There will be multiple test cases running so the Input and Output should match exactly as provided.  
  
Input Format  
The first line contains an integer N.  
The second line contains N space-separated integers of prices.  
The third line contains an integer K.  
  
Sample Input  
4 -- denotes N  
3 2 1 4 -- denotes prices[]  
2 -- denotes K  
  
Constraints  
1 <= N <= 10^5  
0 <= K <= N-1  
1 <=prices[i]<=10^5  
  
Output Format  
The output contains the minimum and maximum amount of money you have to pay to buy all items by using a special offer.  
  
Sample Output  
3 7  
  
Explanation  
To find the minimum cost:  
One of the optimal ways is to buy 3rd candy (price=1) and get 1st and 4th candies for free.  
Next, buy 2nd candy for price 2. Minimum cost = 1+2=3  
  
To find the maximum cost:  
One of the optimal ways is to buy 4th candy at price 4 and get 2nd and 3rd candy for free.  
Next, buy 1st candy at price 3. Maximum cost = 3+4=7  
  
Hence the output is 3 7,