Rearranging Chocolates into Different Boxes

You are given two arrays: **chocolate** of size **n** and **capacity** of size **m**. The array **chocolate** represents **n** packs of chocolates where the **i^{th}** pack contains **chocolate[i]** chocolates. The array **capacity** represents **m** boxes, where the **i^{th}** box has a capacity of **capacity[i]** chocolates.

For eg: **chocolate** = [3,1,2]. Pack 1 contains 3 chocolates, pack 2 contains 1 chocolate and so on.
Similarly for boxes, **capacity** = [2,3,1,2,4] which means there are 5 boxes, and the capacity of Box 1 is 2, Box 2 is 3 and so on.

Your task is to determine **the minimum number of boxes required** to accommodate all the chocolates from the given **n** packs. Chocolates from the same pack can be distributed into different boxes if needed.

Input:

Enter the number of chocolates packs**: n**
Enter the number of chocolates in each pack (space-separated integers): **chocolate**
Enter the number of boxes: **m**
Enter the capacity of each box (space separated integers): **capacity**

The description is for your understanding. Sample input looks like:
3
3 1 2
5
2 3 1 5 4

Output: 2

Note that the total number of chocolates should not exceed the total capacity of boxes.

If it does, simply return -1

Sample:

No.	Sample Input	Sample Output
1	3 3 1 2 5 2 3 1 2 4	2
2	3 5 5 5 4 2 4 2 7	4
3	3 10 3 5 3 8 7 1	-1
4	2 5 9 0	-1
5	0 5 12 6 2 9 13	0
6	0 0	0