Homework Problem: Stretch Me!

Write a program that prompts the user to enter a string of length n (lets call it originalS). It then prompts the user to enter exactly n integers, where n is the length of originalS and stores them in an array called num. The program then creates and prints a new string that consists of the letters in originalS (in that order) repeated by the number of times indicated by the element in num at the corresponding position of originalS. For example, if the user enters a string "hello", and values of num entered are 2 1 3 0 1, then the output string is "hhelllo".

Use the sample input/output for further clarification.
Call the program file **stretchMe.c**
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Sample Input / Output:
Enter a string: hello
Enter 5 integers:
1
2
2
0
3
Stretched String = heellooo

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Sample Input / Output:
Enter a string: dumbledore
Enter 10 integers:1 2 3 4 5 1 1 1 2 2
Stretched String = duummmbbbbllllledorree