


Assignment Case	
CH1Special	
Periode Berlaku Semester Ganjil 2021/2022 Valid on Odd Semester Year 2021/2022	Software Laboratory Center Assistant Recruitment 22-1

Soal

Case

Next Level Fizz Buzz

Fizzbuzz are the basic coding interview problem to determine your style in code (you can see it here on Programming Category [Fizz buzz - Wikipedia](#)). Now we are taking the coding interview question to the next level, where there are more than two number that can be changed into characters. You are given a number i , you need to **loop from 1 to i** and check if that number can be **moduloed** by **any number that are provided**, if it **can be moduloed**, then **append the character that are mapped to that number**. If the number **does not have any character that can be moduloed** by any **number that are provided**, just print the **result moduloed by 10**.

For example:

- J is mapped to number 2.
- L is mapped to number 4.
- B is mapped to number 3.
- i equals to 13

Then the result will be:

1, J, B, JL, 5, JB, 7, JL, B, J, 1, JLB, 3

Input

The program will ask for two integers, **i** and **n** followed by a string **s** and **n-integers A**.

Constraint

$1 \leq i, n \leq 100000$

$1 \leq A[i] \leq 100000$

Output

Output **i-lines**, the result according to Next Level Fizz Buzz.

Example (Print out one '\n' at the end of the results)

Input	Output
15 2 FB 3 5	1 2 F 4 B F 7 8 F B 1 F 3 4 FB
13 3 JLB 2 4 3	1 J B JL 5 JB

	7 JL B J 1 JLB 3
--	------------------------------------