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| **Assignment Case** | Description: LogoBINUS-University |
| 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**](https://en.wikipedia.org/wiki/Fizz_buzz)). 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 ≤ i, n ≤100000

1 ≤ A[i] ≤100000

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

**Example (Print out one ‘\n’ at the end of the results)**

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| **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 |