

TCenayang and Mzyy

Modul-3

Basic Programming IUP2022

Previously, TCenayang had made a code to change the text with encryption. because many people know that code, TCenayang is back in action using his love messages version 2. he adds it with Fibonacci and uses the keyword, if 0 then he will print encryption or keyword 1 then it will print decryption. generate code from TCenayang uses function.

INPUT FORMAT

1. it will containing **t** times the program will run.
2. it will define either it is an **encrypting =0** or **decrypting =1** process.
3. it will contain an integer **key**.
4. it will contain the message **M** to be encrypted or decrypted.
5. it will contain white space like = "test test"
6. read, pray, do it. **semangat :)**

CONSTRAINTS

$$1 \leq \mathbf{T} \leq 15$$

$$1 \leq \mathbf{keyword} \leq 30$$

$$1 \leq \mathbf{Length} \text{ of } \mathbf{M} \leq 1000 \text{ characters}$$

OUTPUT FORMAT

Display **encrypt** or **decrypt** messages

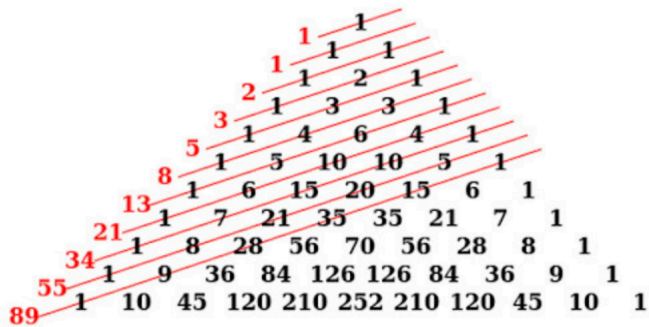
EXAMPLE INPUT AND OUTPUT

Sample input 0

1
0
10
ebiil

Sample output 0

hello



tenth fibonacci is = 55.

ebiil -> so add 55 to "ebiil" and after we sum it the answer is = "hello"

remember there's no symbol character in it. it contains just a letter.

Sample input 2

1
3

Sample output 2

Mode is not valid!