

Beer shopper [easy]



Greg is a good guy, who likes to look after his friends. Being a good guy means Greg has to buy beers for his friends all the time. As we all know beer comes in sixpacks, so Greg has to buy beers in multiples of six. Greg wants to buy exactly one beer for each of his friends. This is because if someone gets more than one, there will be a fight. Needless to say, leaving one or more beers undrunken is out of the question.

Help Greg out writing a program that determines whether it is possible to buy beer in such a way that each of his f friends get exactly one.

Input

Input consists of a single line with a single integer f , the number of friends Greg wants to buy beer to.

Output

If it is possible to buy a number of sixpacks such that there is exactly one beer for each of Greg's friends, simply output **BEER!** . Otherwise output **FIGHT!** .

Constraints

$$0 < f \leq 10^9$$

Sample input 1

6

Sample output 1

BEER!

Sample input 2

12

Sample output 2

BEER!

Sample input 3

15

Sample output 3

FIGHT!