Replace Word

Input file: standard input
Output file: standard output

Time limit: 1 second Memory limit: 256 megabytes

Given a string S. Print S after **replacing** every **sub-string** that is equal to "**EGYPT**" with space.

Input

Only one line contains a string S ($1 \le |S| \le 10^3$) where |S| is the length of the string and it consists of only **uppercase** English letters.

Output

Print the result as required above.

Examples

standard input	standard output
BRITISHEGYPTGHANA	BRITISH GHANA
ITALYKOREAEGYPTEGYPTALGERIAEGYPTZ	ITALYKOREA ALGERIA Z