(The Departed (2006

- Memory Limit: 256MB
- Time Limit: 1sec

Sina and Nima are USVAJAK agents tracking the movements of an unnamed corrupt government official. Anonymous sources have informed them about his upcoming escape attempt. They now know he plans to use his diplomatic contacts to try and hitch a ride on a CIA jet leaving from *Jabolgha* airport.

It's well-known that all CIA jets have the string `FBI` somewhere in their registration codes. They gathered a list of all jets scheduled for the designated day. There are exactly five jets on the list. Write a program that will find out all CIA jets.

Input

There are exactly 5 rows of input, each row representing exactly one jet registration code from the list. A registration code is a sequence of at most 10 uppercase English letters, digits `0` to `9`, or dashes `-`.

Output

The only line of output must contain a list of integers, indicating the corresponding input rows containing registrations of CIA jets, sorted in increasing order.

If there are no CIA jets, output the string `HE GOT AWAY!`.

Note: Uppercase and Lowercase letters are considered different, so `He Got Away!` **is wrong!**

Sample Input 1

```
A-FBI2
9A-IRKOK
RE-KGB3
I-NTERPOL
GM-MI6
```

Sample Output 1

```
1
```

Sample Input 2

```
N323-CIA
F5-B13I
F-BI-32
MPM-DU-CIA
HAKHFSHT
```

Sample Output 2

```
HE GOT AWAY!
```

Sample Input 3

```
45-FBI
BOND-007
DT-FBI14
S1N4-13
N1M4-FBILL
```

Sample Output 3

1 3 5