

Problem Statement

You are given N lines and your task is to find out which of the N lines starts with

```
hi<BLANK>
```

where *hi* is case-insensitive and is **not** immediately followed by a space and a letter **d**(or **D**).
In the above representation, BLANK denotes a space character.

Input Format

First line contains an integer N. N lines follow each line with a sentence not more than 10 words W each, separated by a single space.

Constraints

$1 \leq N \leq 10$

If C is the count of the number of words W in every sentence, then

$1 \leq C \leq 10$

Each non-empty character in W is either a lowercase or an uppercase letter only

Output Format

Print each line that satisfies the constraint as mentioned in the problem statement.

Sample Input

```
5
Hi Alex how are you doing
hI dave how are you doing
Good by Alex
hidden agenda
Alex greeted Martha by saying Hi Martha
```

Sample Output

```
Hi Alex how are you doing
```

First line satisfies the constraint mentioned in the problem statement.
Second line fails as it contains a *d* next to

```
hi<blank>
```

Third line fails as it doesn't start with *h*
Fourth line fails as the third character in the line is not empty (BLANK)
Fifth line fails as *Hi Martha* doesn't appear at the beginning of the line.

Viewing Submissions

You can view others' submissions if you solve this challenge. Navigate to the challenge leaderboard.