B - Marathon Runners

Time limit : 2sec / Stack limit : 256MB / Memory limit : 256MB

Question

Marathon runners Takahashi and Aoki decided to run a few laps around the track. Aoki began running from the start line 0.5 seconds after Takahashi. It takes Takahashi and Aoki A and B seconds respectively to return to the start line. Determine which runner was the one to cross the start line at the $K_t h$ time.

Constrains

- $1 \leq A, B, K \leq 10^5$
- A and B are integers

Input

Inputs are provided from standard inputs in the following form.

```
A   B   K
```

Output

Output ' Takahashi ' if he was the runner to cross the start line at the $K_t h$ time, or ' Aoki ' if he was, in one line.

Sample Input 1

```
3 7 5
```

Sample Output 1

```
Takahashi
```

Takahashi was the runner to cross the start line at the fifth time, 12 seconds after he first started.

Sample Input 2

```
3 9 4
```

Sample Output 2

```
Aoki
```

Aoki was the runner to cross the start line at the fourth time, 9.5 seconds after Takahashi first started.