

A trip

Description

Exchanging is always a big problem when you take a trip to another country. BCW have to solve it before they go to Thailand.

Actually, there are two ways to exchange TWD to THB. One way is to exchange TWD to THD directly. Another way is to exchange TWD to USD first, then exchange USD to THB.

Can you tell BCW which way is better?

The exchange rate is as following:

- 1 TWD is equal to A THB.
- 1 TWD is equal to B USD.
- 1 USD is equal to C THB.

Input

The first line contains an integer T indicating the total number of test cases. Each test case contains one line with three integers A, B, C .

- $1 \leq T \leq 8000$
- $1 \leq A, B, C \leq 20$

Output

For each test case, If exchanging directly is better, output “HAHA”. If another way is better, output “WTF?”. Otherwise, output “Absolutely”.

Sample Input

```
3
10 3 3
1 2 2
1 1 1
```

Sample Output

```
HAHA
WTF?
Absolutely
```