时间限制：C/C++/Rust/Pascal 1秒，其他语言2秒
空间限制：C/C++/Rust/Pascal 512 M，其他语言1024 M
64bit IO Format: %lld

题目描述

In front of Yuki is a flower with n petals.
She will perform several rounds of operations. In each round, she will first pick a petals off the flower, and then pick off another b petals. If the remaining petals are inadequate, she plucks all. She doesn't stop until no petals remain.

Yuki once promised that she would leave if and only if the last petal she picked belonged to the first a petals picked in some round of the operation; otherwise, she would stay. Sympathetic, you want to pick off some number of petals first, **but you cannot pick all**, to ensure that she stays. You must determine the minimum number of petals you need to pick off; in particular, if she can't stay, output "`Sayonara`".

输入描述:

Each test contains multiple test cases. The first line of input contains a single integer t ($1 \le t \le 100$) — the number of test cases. The description of the test cases follows.

The first and only line of input of each test case contains three integers n, a, and b ($1 \le n \le 10^9$, $1 \le a \le 10^9$, $1 \le b \le 10^9$).

输出描述:

For each test case, output a single line:

If you can make her stay, output an integer as the minimum number of petals you need to pick off;
If you cannot, output the string "`Sayonara`".

示例1

输入 复制

```
3
1 2 3
10 2 3
11 2 3
```

输出 复制

C++（clang++18）

1

ACM模
请通过
入输出
出描述

运行结果 自测