Mario transforms each time he eats a mushroom as follows:

- If he is currently `small`, he turns `normal`.
- If he is currently `normal`, he turns `huge`.
- If he is currently `huge`, he turns `small`.

Given that Mario was initially `normal`, find his size after eating X mushrooms.

- Input format
  - The first line of input will contain an integer T — the number of test cases.
  - The first and only line of each test case contains the integer X
- Output format
  - For each test case, output Mario's size as `SMALL`, `NORMAL` or `HUGE` after eating X mushrooms

Sample 1:

Input	Output
3 2 4 12	SMALL HUGE NORMAL

Explanation:

Test case 1: Mario's initial size is `normal`. On eating the first mushroom, he turns `huge`. On eating the second mushroom, he turns `small`.

Test case 2: Mario's initial size is `normal`. On eating the first mushroom, he turns `huge`. On eating the second mushroom, he turns `small`. On eating the third mushroom, he turns `normal`. On eating the fourth mushroom, he turns `huge`.

```python
# Update the code below to solve the problem

t = int(input())
for _ in range(t):
    x = int(input())
    if x%3 == 0:
        print("Normal")
    elif (x-1)%3 == 0:
        print("Huge")
    else:
        print("Small")
```

Test against Custom Input

```
3
2
4
12
```