

# Even and odd

The problem is simple, you are given a number 'n' and you have to count the total number of odd numbers and even number less than or equal to 'n'.

Input

## Input

First line contains number of test cases t, and next t lines contain t numbers ( $t \leq 5$ ) and  $n \leq 100$ .

## Output

you should print in the following format:

number of even

number of odd

## Example

**Input:**

5  
10  
20  
6  
12  
8

**Output:**

5  
5  
10  
10  
3  
3  
6  
6  
4  
4