

## Diamond Frame

Jojo is a child who really likes the diamond form, he wants to make diamonds of various sizes, you as a good friend are asked by Jojo to make the diamond image!

### Format Input

The first line contains T, the number of test cases.

Each test case consists of one line N the size of the diamond, it is guaranteed that N always an odd number.

Note that N is the size of the diamond.

### Format Output

For each test case output "Case #X:", where X is the case number. Followed by the diamond image.

### Constraints

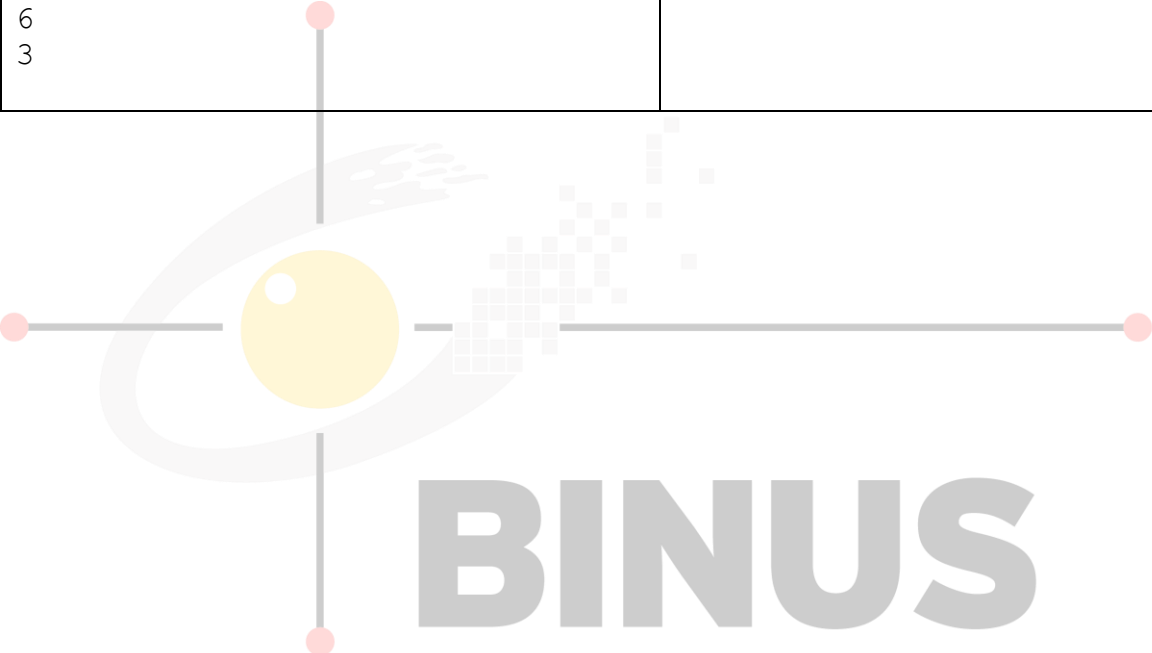
$$1 \leq T \leq 50$$

$$1 \leq N \leq 99$$

N is an odd number.

**BINUS**  
**UNIVERSITY**

Sample Input	Sample Output
3 1 3 5	Case #1: ### # # ### Case #2: ##### ## ## # # ## ## ##### Case #3: ##### ### ## ## ## # # ## ## ### ## #####



**BINUS**  
UNIVERSITY