

Weird Shape

One day, Jojo has this weird dream. He has this weird program. When he input an odd number N , the program will give him a certain image that sized $N \times N$ square with X inside of the square. After having that weird dream Jojo wake up and with curiosity, he ask you to help him to make the same program in his dream.

Format Input

Input will consist of an integer T which is the number of test case. The next T lines consist of an odd number which is less than 150.

Format Output

Print the shape in Jojo's dream. Print newline after each test case.

Constraints

$1 \leq T \leq 100$

| Sample Input | Sample Output |
|--------------|--|
| 2 7 1 | ***** ** ** * * * * * * * * * * * ** ** ***** * |