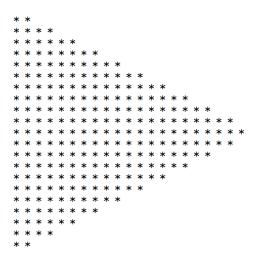
Question 1. Write a program Triangle.java that takes a command-line argument N and prints a (2N + 1)-by-(2N + 1) triangle, like the one below, on the screen.



Hint: Use two for loops and one if statement

Question 2. Write a program Sort.java that creates an integer array that has 15 elements in a random order. It then sorts the array in a descending order. Note that you are not allowed to use built-in Java sorting functions.

Input: randomly-ordered elements $\{1, 10, 5, 9, \dots\}$

Output: sorted array $\{15, 14, 13, 12, ..., 1\}$

How to submit your assignment:

- Create a github account and upload you classes on the github.
- Send the link of your github at syed.gillani@insa-lyon.fr

Basics of Github: There are plenty of online sources to learn the basics of github. The following the basic steps to upload your local files to github.

Install github using command-line or other tools.

- Open the command-line/terminal and go to the folder containing your java classes, e.g. cd ./javaclasses/
- Run command \$ git init
- Add files to the initialised repository: git add .
- Commit to the repository: git commit -m "first commit"
- Link the repository to your account on github: git remote add origin "your remote repository URL from github"
- Push the local data to the remote repository on github: git
 push -u origin master