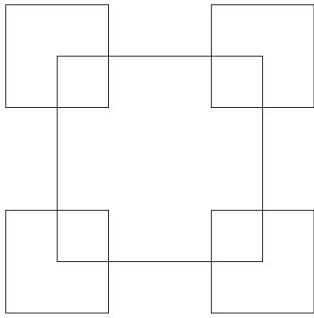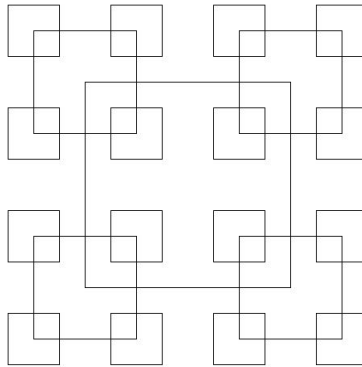# CS2302 - Data Structures
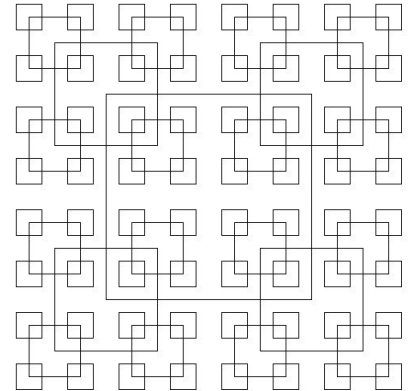## Spring 2018
## Lab 1

Due Wednesday, January 31, 2018

For this lab you will practice using recursion to draw interesting figures. The program four_squares.java posted in the class webpage can be used to generate the following figures:



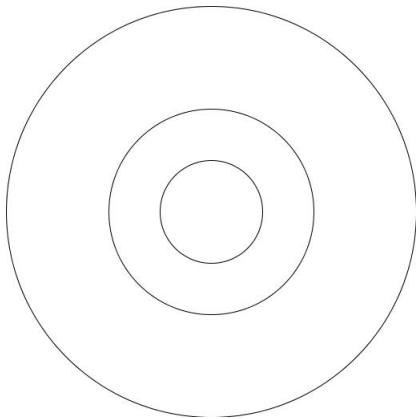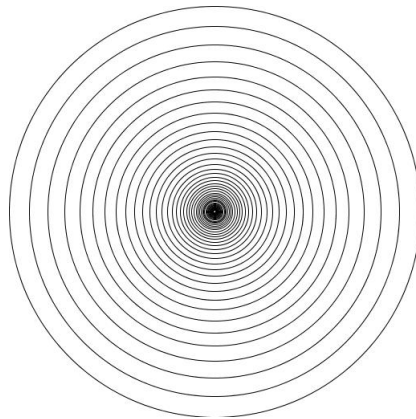a)                    b)                    c)

Using four_squares.java as model and the StdDraw library, do the following:
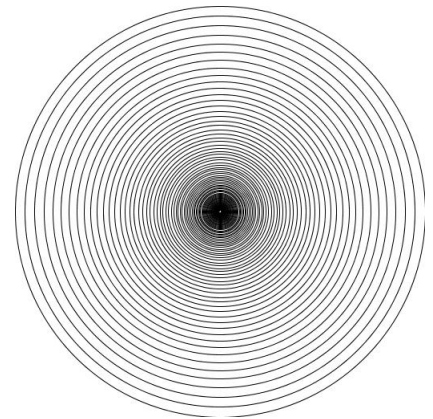
1. Write a recursive method to draw the following figures:



a)                    b)                    c)

2. Write a recursive method to draw the following figures:



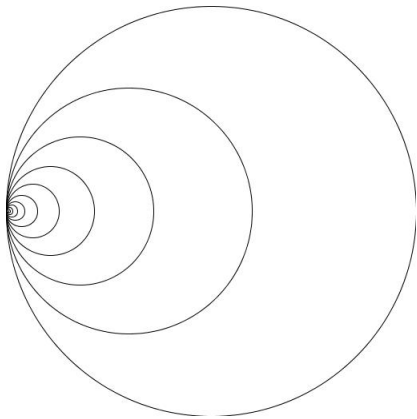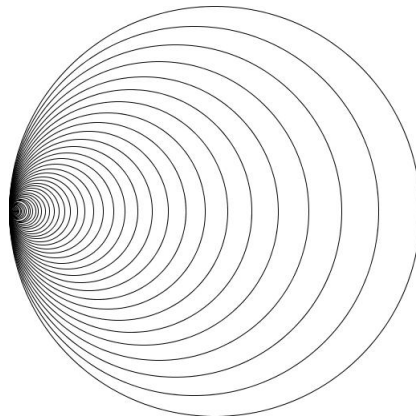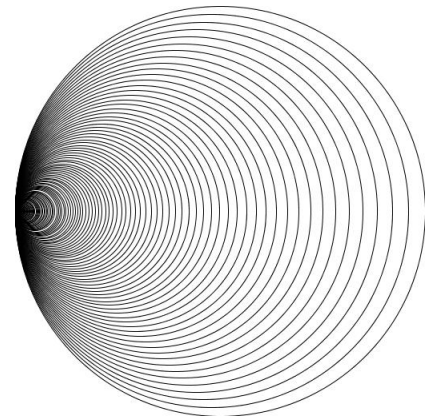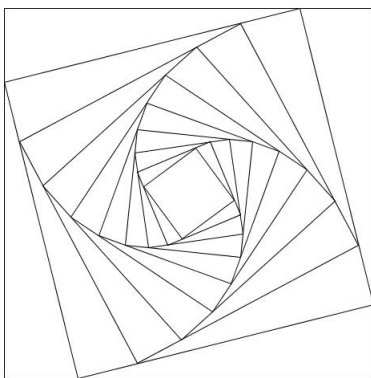a)                    b)                    c)
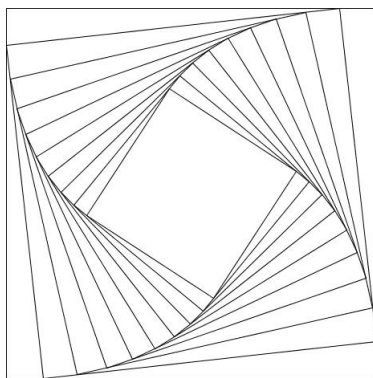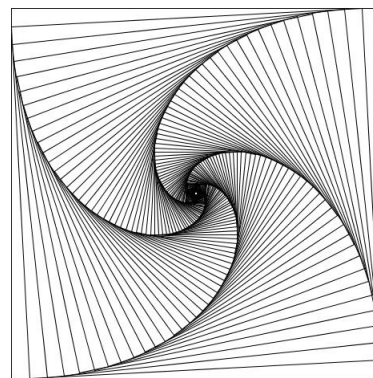
3. Write a recursive method to draw the following figures:



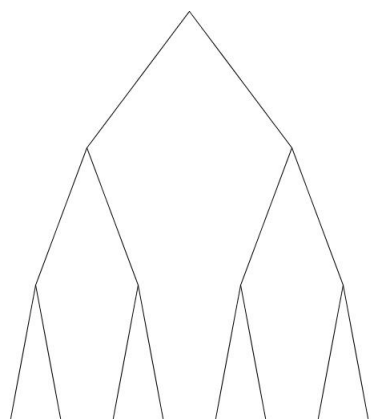a)                              b)                              c)
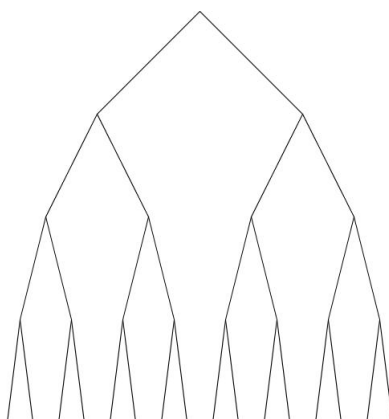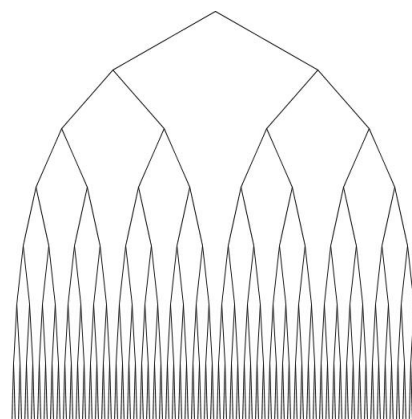
4. Write a recursive method to draw the following figures:



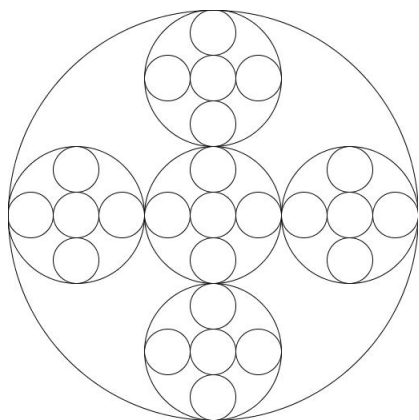a)                              b)                              c)
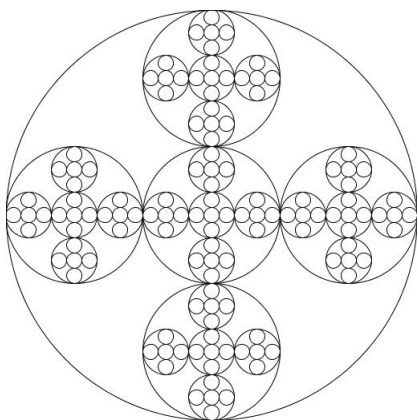
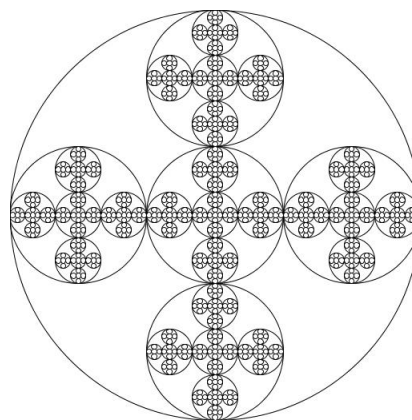5. Write a recursive method to draw the following figures:



a)                              b)                              c)

Write a report describing your work, as explained in the syllabus.