For this lab you will practice using recursion to draw interesting figures. The programs `draw_squares.py` and `draw_circles.py` posted in the class webpage can be used to generate the following figures:

Using `draw_squares.py` and `draw_circles.py` as models, do the following:

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

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

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

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