

## 05.2 - Square Spiral

Starting with the code provided in `square_spiral_template.py`, write turtle commands into the program's main function to draw the square spiral shown below. Starting from the center with the turtle facing at  $45^\circ$  degrees, the length of the spiral's sides start at 12 pixels and increase by 12 pixels after every  $90^\circ$  turn. Your program must use a loop. Save your program as `square_spiral_login.py`, where login is your Purdue login. Then submit it along with a screenshot showing your solution.

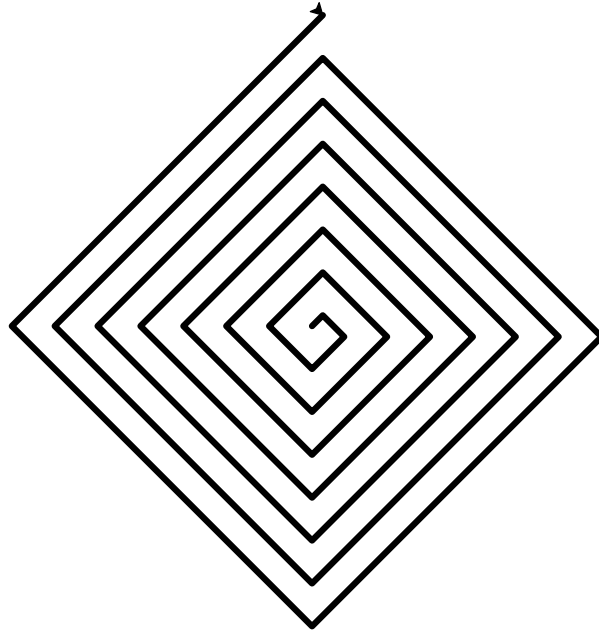


Figure 1: Square spiral pattern for Exercise 05.2.

### Hints:

- Do not modify the size of the canvas provided in the template.