

Name \_\_\_\_\_

## CPADS Lab Activity #6

Open PyCharm and on your H: drive create a new project named CS100-Lab6. Download the file `complexCake.py` from the course webpage into the CS100-Lab6 folder

<https://ycpcs.github.io/cs100-fall2019/labs/src/complexCake.py>

Complete the two functions and `main()` to draw the figure on the next page.

- The user input **size** is the length of the smallest square sides.
- The *layers* of the cake are 2, 3, and 4 times the smallest square size
- The cursor must start and end in the center.
- The **moveBetweenSquares( )** function should move the turtle between centers of two squares with sizes given by the parameters.
- The **drawLayerCake( )** function should draw a layer cake with the turtle starting and ending at the same lower left corner location and orientation.
- The **main( )** function should draw 8 inner layer cakes and 4 outer layer cakes.

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