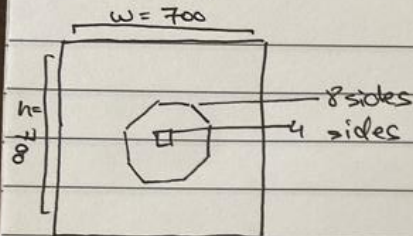


# PC04 generative art



will add a pattern from  
Kevin Ecker's  
~~generative art~~ pseudocode.

My code will generate 2  
shapes: 1st with a random # of sides

2nd with  $2 \times$  # of sides than the previous will draw  $2 \times$  length so this shape is bigger  
than 1st.  
For example: 1st [4], 2nd [8]

1

define side length, and ~~amount~~<sup>#</sup> of sides

$sides = \text{random.randint}(3, 9)$ ?

for loop for drawing the 1st shape

will repeat for the # of sides (random)

will move forward for length

will turn right in the angle to complete a closed shape.

$\text{int}(360 / \text{sides})$

2

for loop for drawing 2nd shape:

will repeat for  $2 \times$  # of sides

will turn right to complete the shape:  
 $(360 / (\text{sides} \times 2))$