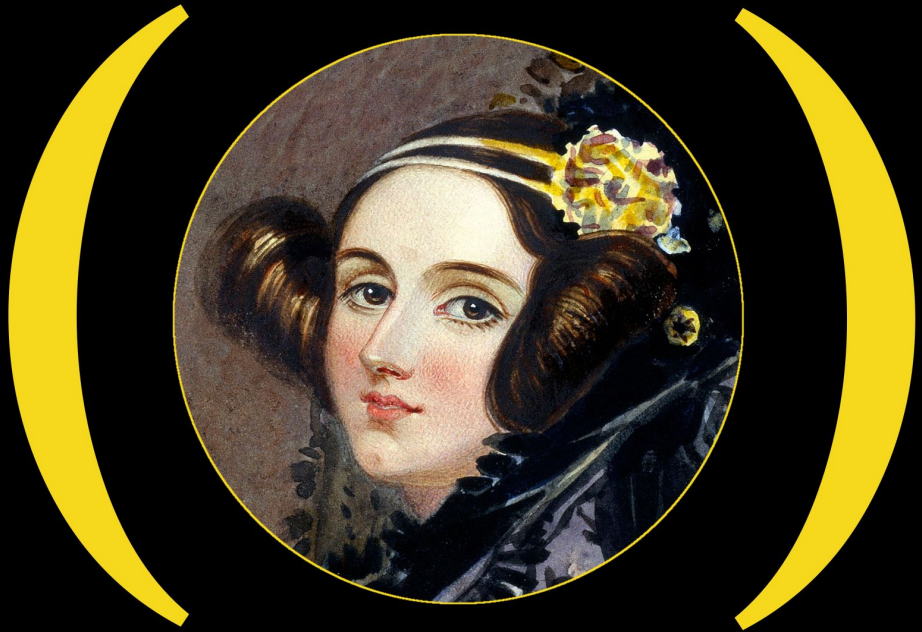
Clojure Art



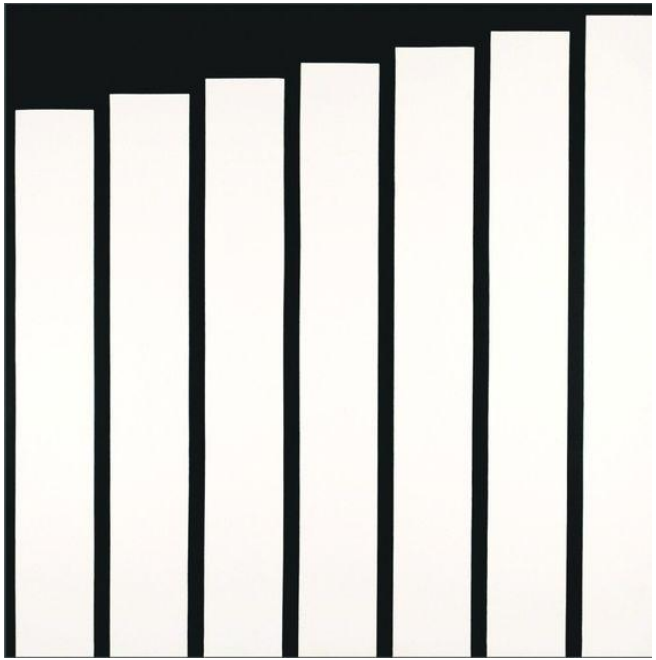
Kindergarten for adults!

Agenda

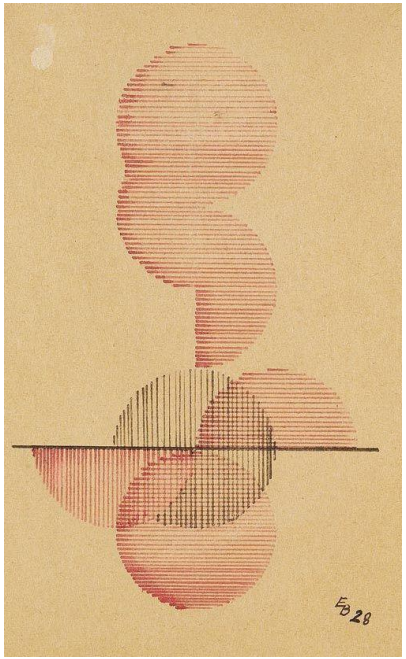
Description	Start time	End time
Art part 1	9am	9:30am
Code review	9:30am	10am
Art part 2	10am	11:15am
Code review	11:15am	12pm
Lunch	12pm	1pm
Art part 2b	1pm	2:30pm
Art part 3	2:30pm	5pm

Drawing Art - Examples of what we will be drawing

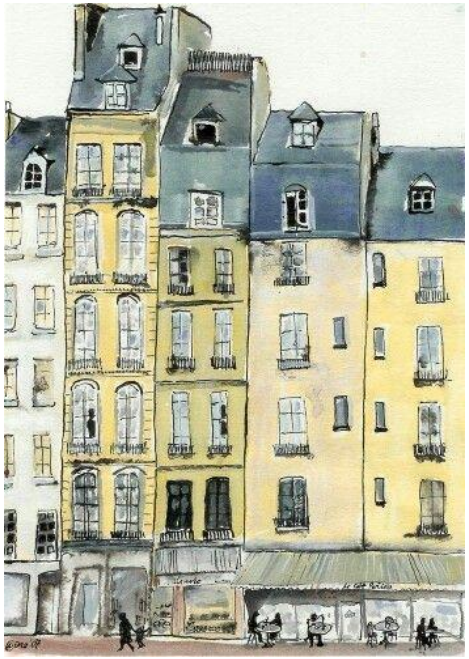
More art here: https://www.pinterest.com/ccalato/clojurebridge/



Verticals by Carmen Herrera



Erich Borchert



A Bit of Paris by (can't read the signature)

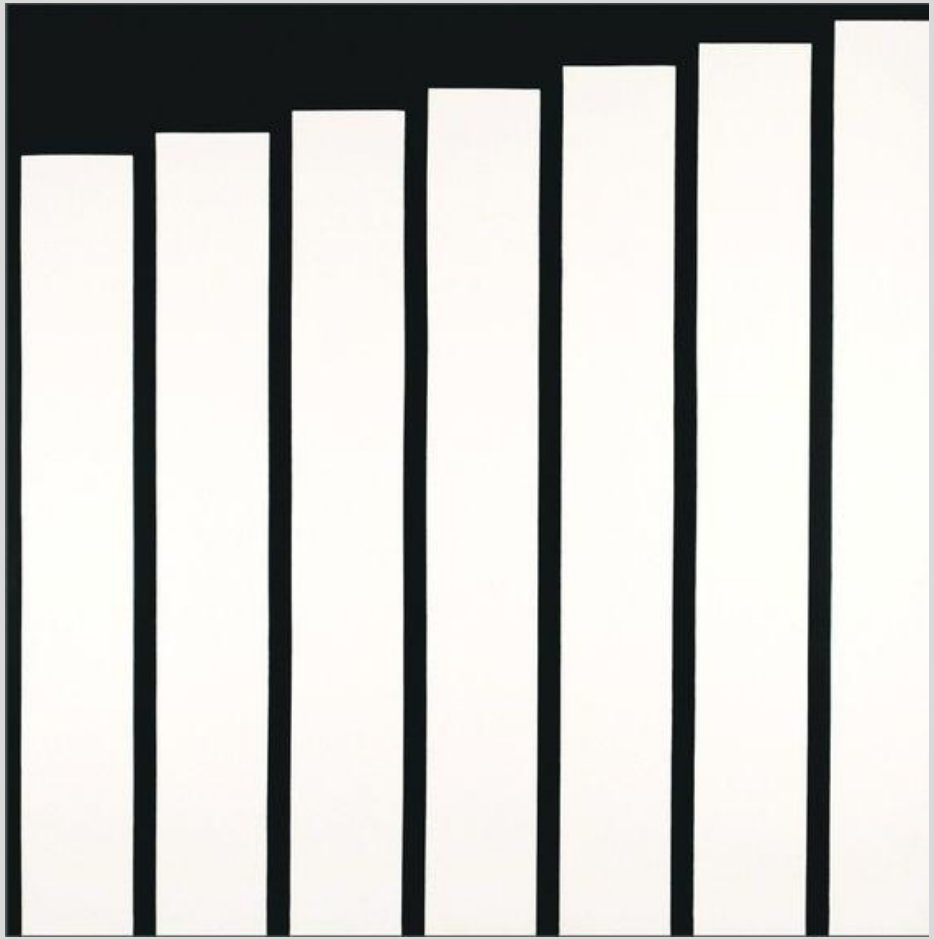
Art part 1 (30 min):

Task:

- Draw this piece of art using Turtles

Things to consider:

- Simplify!
- Start small
- Build on each step



Verticals by Carmen Herrera

Discussion: Building blocks of art

Shapes:

- Lines
- Squares
- Triangles
- Circles

Technical challenges:

- How to fill them in?
- How to tilt them?
- What order to draw them in?

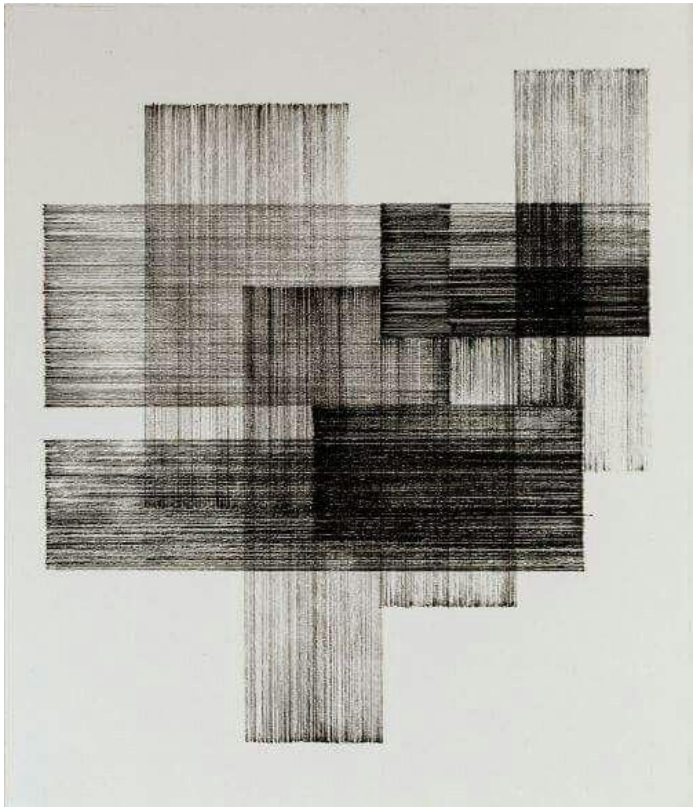
Code review Part 1

1-3 volunteers:

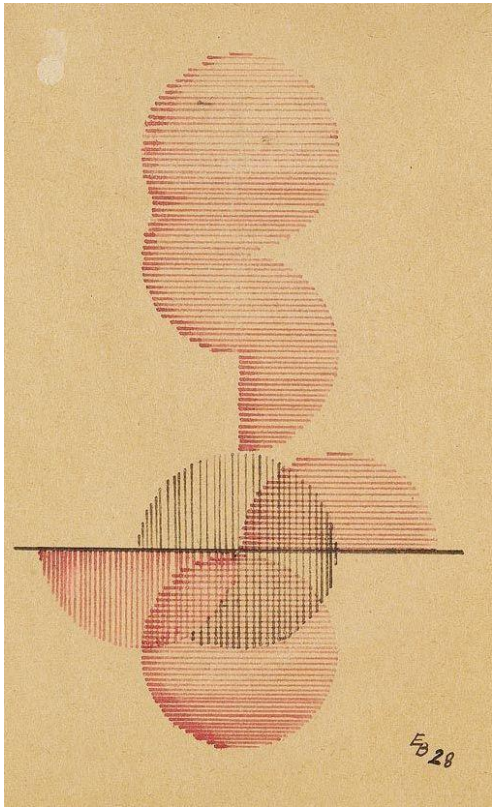
- Show off your work!
- How did you accomplish it?
- What was difficult?
- What was easy?
- How easy is it to change it?
- What could be improved?

NO EGOS!!!!

Art part 2: Pick a more complicated piece (75 min)



Tassia Bianchini



Erich Borchert

Things to consider:

- How much of your code can you re-use?
- How do you organize your code?
- How do you break down shapes and problems into smaller sections?

Code review Part 2

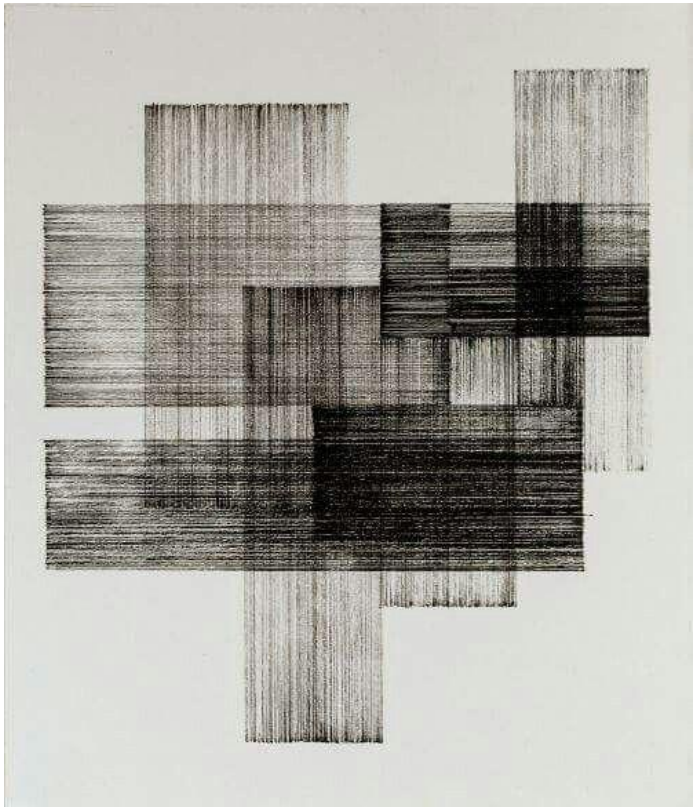
1-2 volunteers:

- Show off your work!
- How did you accomplish it?
- What was difficult?
- What was easy?
- How easy is it to change it?
- What could be improved?

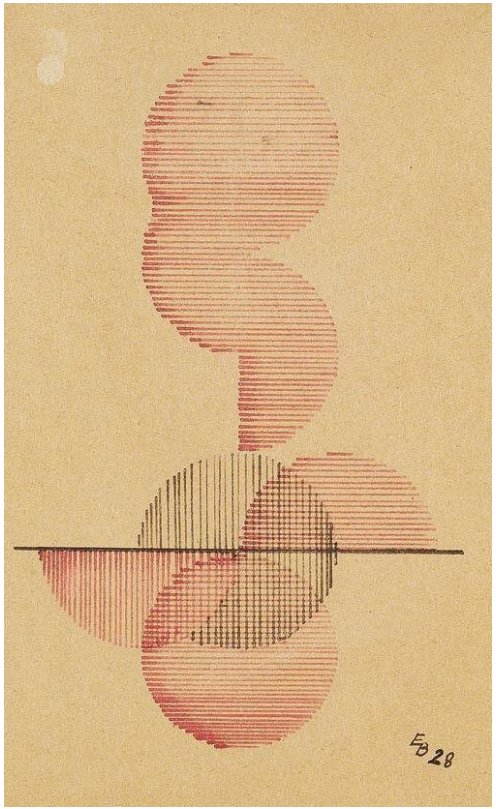
NO EGOS!!!!

LUNCH!!!

Art part 2b: Try the other one, or refine the first (90 min)



Tassia Bianchini

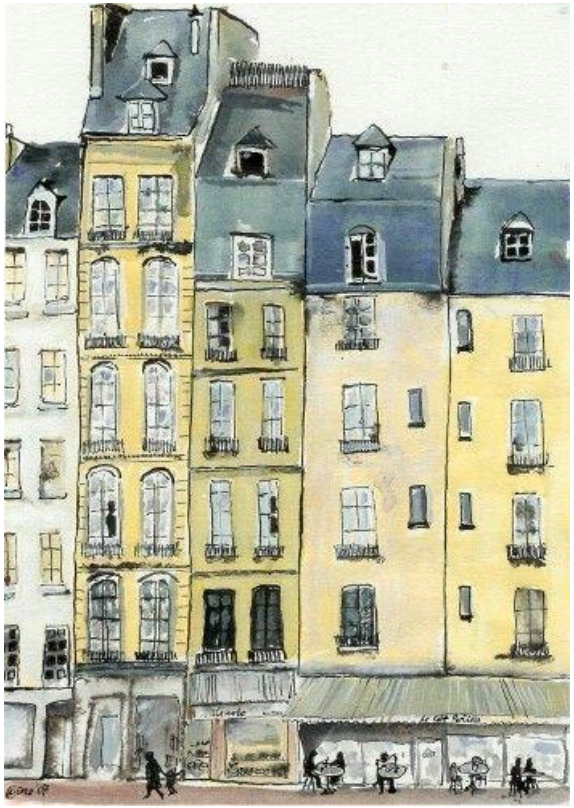


Erich Borchert

Things to consider:

- How much of your code can you re-use?
- How do you organize your code?
- How do you break down shapes and problems into smaller sections?

Part 3: Organic shapes



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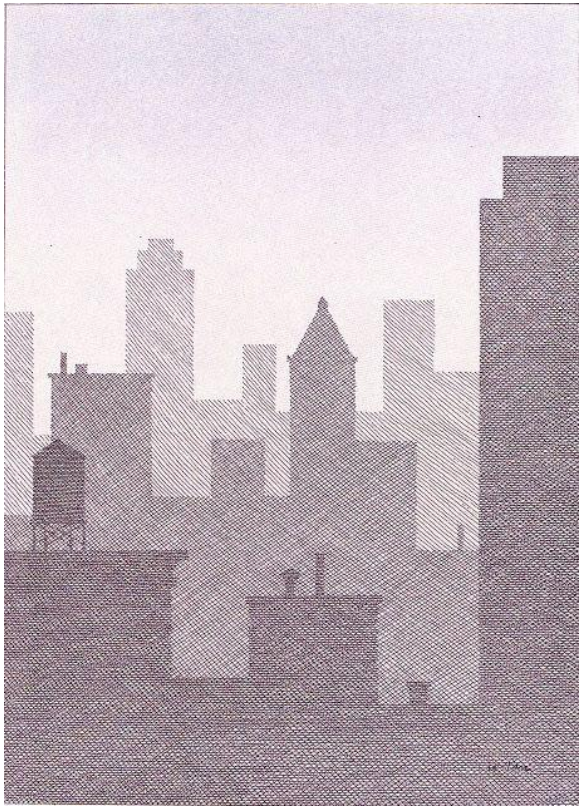

Pierre Le-Tan

Things to consider:

- How do you break down organic shapes into basic building blocks
- Can you make a basic shape more organic somehow

Thank you!

Things to continue considering:

- How to continue learning?
- How to apply what you've learned to every aspect of your life?
- Most important: Have fun by solving problems!