

**Welcome to the Coding Dojo!** 🤔 ◻️ 🐜 ◼️ 😎

# What is a Coding Dojo? 🎈

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Deliberate practice and learning.

We want to

- do it right
- learn something
- have a good time

# How does it work? 🧑🏻💻

# How does it work? 🧑🏫



Pair programming



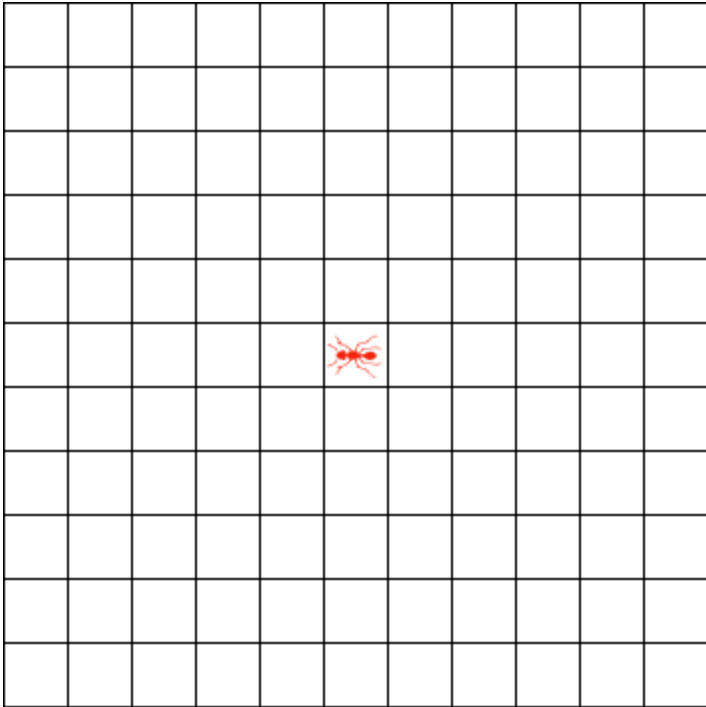
Test driven development

We do

- code as a team
- follow a process
- write tests first

**What do we work on?**   

# What do we work on?



## Langston's ant!

Squares on a plane are colored either black or white.

An "ant" behaves like this

- at white square, turn  $90^\circ$  clockwise, flip the color of the square
- at black square, turn  $90^\circ$  counter-clockwise, flip the color of the square,

then move forward one unit.



# Procedure

- 10" discussion
- *Deliberate practice and learning!* 🎉
  - `pairs = cycle(zip(experienced, less_experienced)) # FIXME?;`
  - 5" cycles
- Break
- *More colors?* 🎨
- Retrospective

# Today, we want to do it differently! 🐙

| Let's imagine!

## Imagine something like...

```
import dojo # our code  
  
data = dojo.run(iterations=3)  
to_json(data, 'example.json')
```

```
make # to create example.html
```

**Our goal is to create that data** 

**How can we test potentially complex data structures? 🤔**

# Approvals Testing! 🧐

# 10" Discussion

# Retrospective

- What did you like?
- What did you learn?
- What do you take away?
- Something else you want to share?