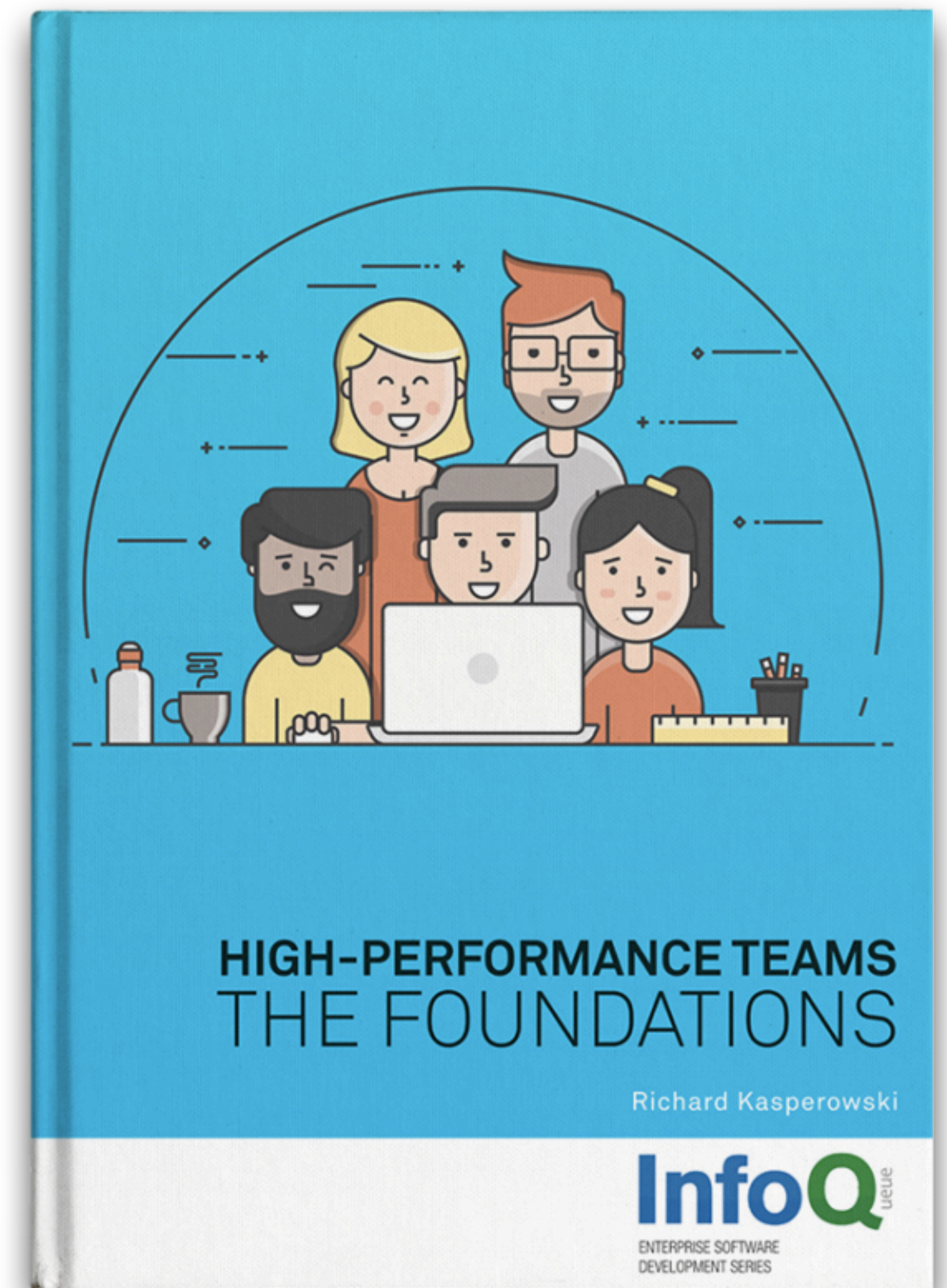


Test-Driven Development

TDD is so easy, even a child can do it.
And so can you.

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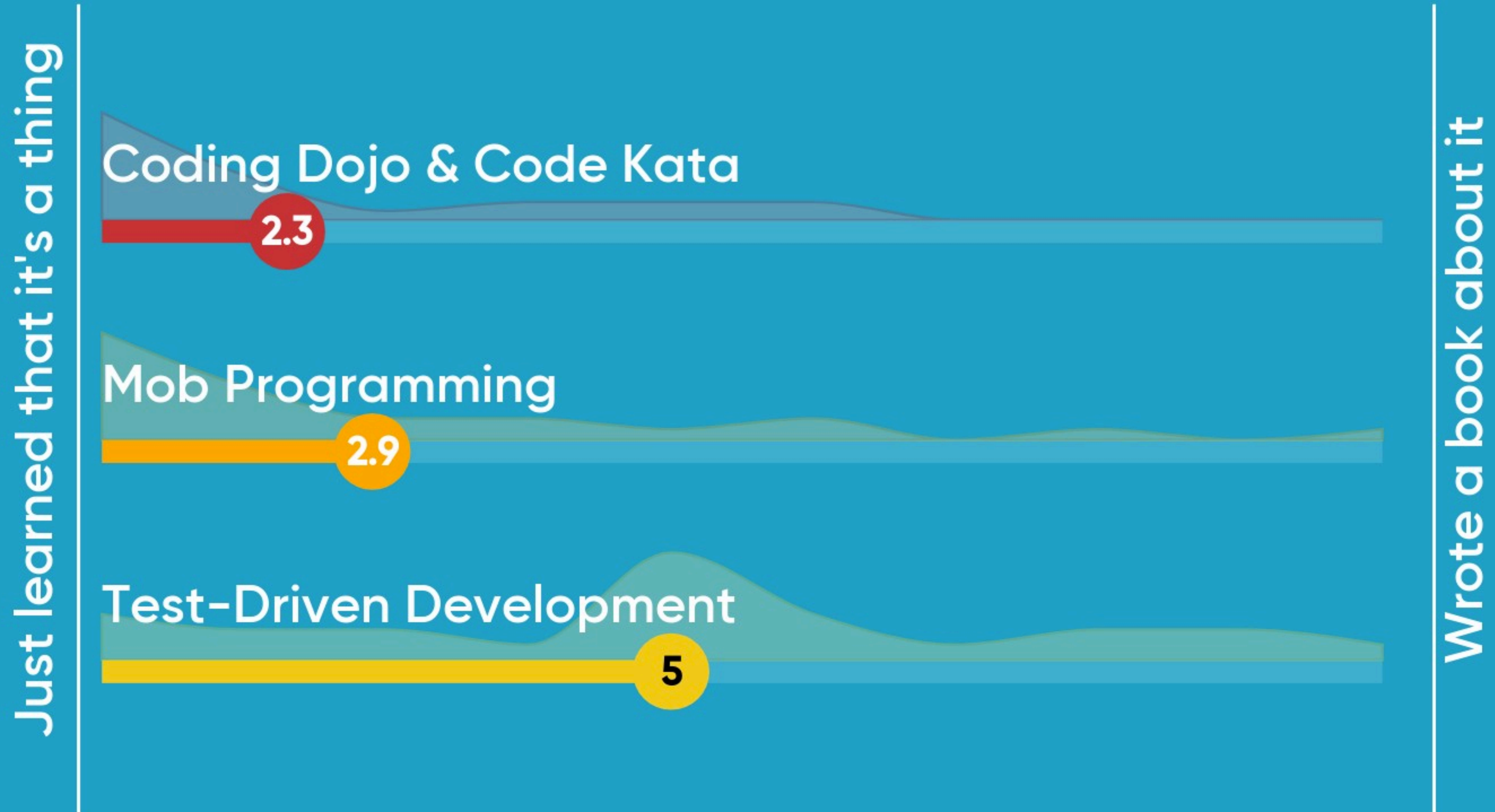
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Your experience level



Let's learn a skill:

Test-Driven Development

TDD is a mindset

- ✓ All you need is a piece of paper and a pencil.
- ✓ ... and a development environment



Test-Driven Development

- ✓ 3-step dance
- ✓ No production code without a test that precedes it

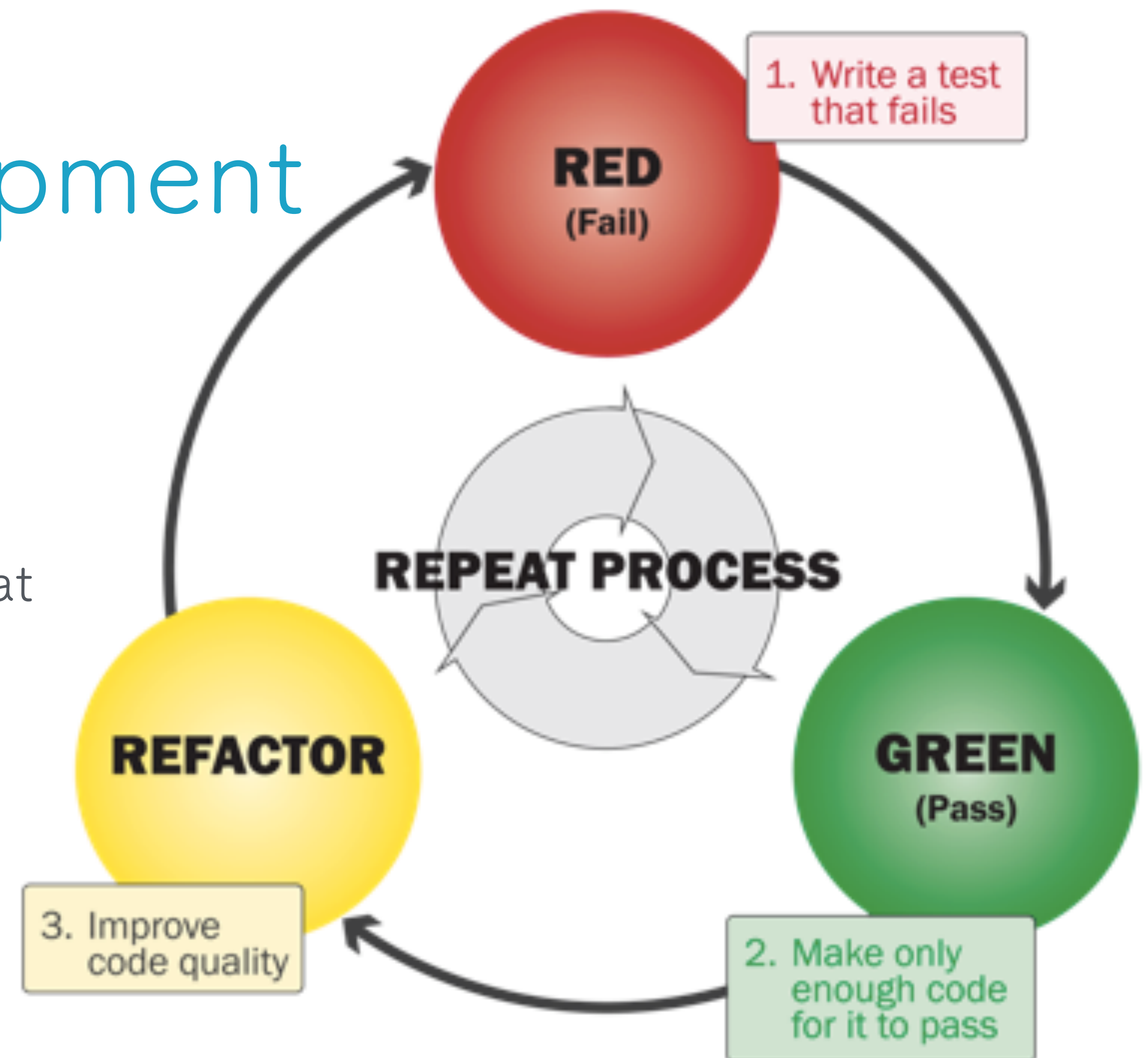
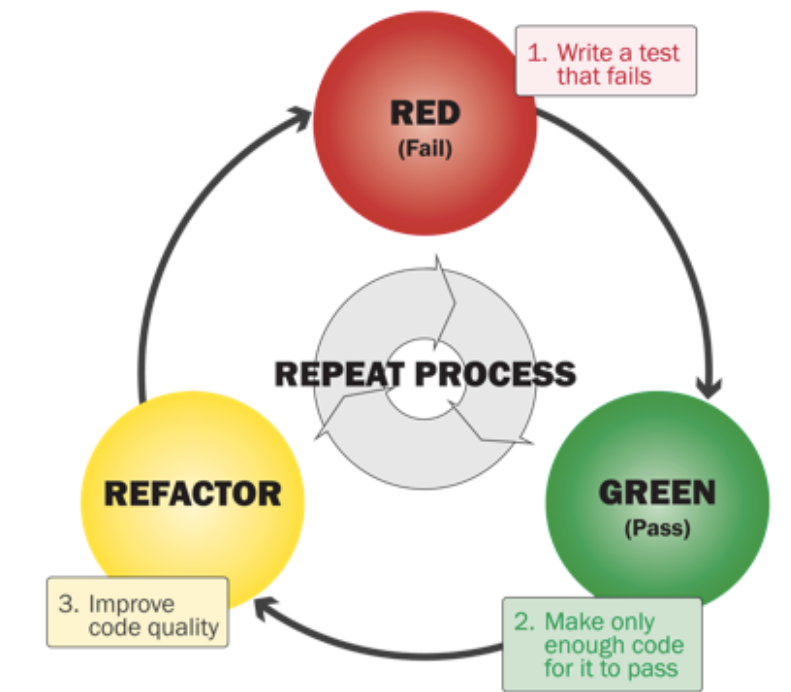


Image: <https://realpython.com/django-1-6-test-driven-development/>, retrieved 2018-04-26

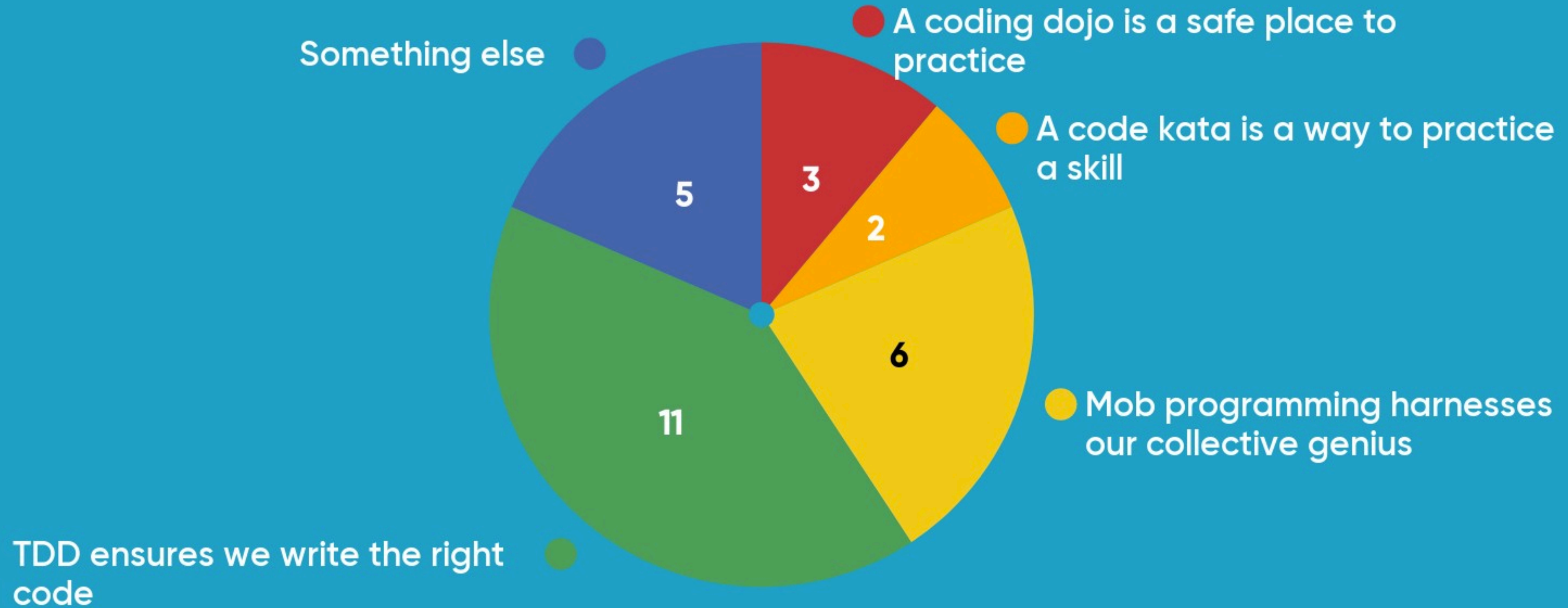
Our test list



- Our development environment is running.
- I am signed in to Scratch.
- I created a project.
- The project has a name like "Puppy Bounce".
- There are no cats on the screen.
- There is a puppy on the screen.
- When I press the Green Flag, the puppy is near the top of the screen.
- It looks like the puppy is floating in the sky and might fall to the ground.
- The puppy falls straight down toward the ground.
- If the puppy hits the ground, it says, "Ouch! Game over!".
- There is a trampoline.
- The trampoline is on the ground.
- If the puppy touches the trampoline, the puppy bounces.

What is your key take-away?

What is your key take-away?



To Learn More

- ✓ Visit kasperowski.com
- ✓ Visit charlesrivercoderdojo.org
- ✓ Ask Richard for help



Upcoming classes & events

Want to learn and embody these behaviors?

- kasperowski.com
- Respond on feedback form to stay informed

Richard's upcoming classes:

- Online - Apr 10 - How to Teach Online Follow-Up
 - Online - Apr 28 - Online Agile Games Lean Coffee
 - Boston/online - May 29 - Agile Technical Skills
 - Boston/online - June 4 - High-Performance Team Building™
 - Harvard - June-July - Agile Software Development
- ... or book a private class for your organization.



Will you help me
make this presentation
the best?

Perfection Game



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