

# APP ACADEMY PREPWORK

## STUDYGUIDE

### Phase 1 (1-3 hours)

Read over our introduction to programming if you've never programmed before. This should give you an idea of what programming is like and stretch your brain to think algorithmically. Don't get too hung up on specifics, but try to see if you can absorb the logic and syntax.

[Part 1 \(http://goo.gl/ywzZFe\)](http://goo.gl/ywzZFe)

[Part 2 \(http://goo.gl/NtyCCP\)](http://goo.gl/NtyCCP)

[Part 3 \(http://goo.gl/I2E0oN\)](http://goo.gl/I2E0oN)

### Phase 2 (5-10 hours)

If you feel comfortable with that, try your hand at our initial practice problems. These test your proficiency with the fundamentals of programming with Ruby.

[Practice problems 1 \(http://goo.gl/xb3lFE\)](http://goo.gl/xb3lFE)

### Phase 3 (1 hour)

Now try your hand at an actual practice coding exercise!

[Practice coding exercise \(http://goo.gl/t0jvGG\)](http://goo.gl/t0jvGG)

At this point, if we ask you for a coding test, you should be able to handle it. You can practice by giving yourself timed exercises (3 problems, 1 hour).

### Phase 4 (10 hours)

Now it's time to dive deeper into the Ruby language and some of the data types you'll work with.

[Ruby basics \(http://goo.gl/eyAvCX\)](http://goo.gl/eyAvCX)

### Phase 5 (5-10 hours)

Take a swipe at these tougher practice problems!

[Practice problems 2 \(http://goo.gl/EgCLyr\)](http://goo.gl/EgCLyr)

If you've gotten this far, you should be able ready for the live coding interview. But you can always get more practice if you want. We recommend the below resources.

### Phase Extra Credit

[Coderbyte \(https://goo.gl/ZAuPuK\)](https://goo.gl/ZAuPuK)

You should be comfortable with all the easy challenges. If you're feeling confident, try your hand at some of the Medium difficulty ones.

[CodeWars \(http://goo.gl/Urtuuf\)](http://goo.gl/Urtuuf)

CodeWars is a great platform for learning style and best practices. Work your way up to 6 kyu problems as you prepare for your interview. If you can handle those, you'll be ahead of many of our entering students!