

Test-Driven Development



Test-Driven Development

- ◉ TDD is a popular approach to writing code among professional engineers
 - Write tests that run your code and compare the behavior of your code against an expected outcome
 - Write code that passes the tests
 - Repeat

Test-Driven Development

- ◉ Some benefits:
 - Expectations of how code should behave defined before writing code
 - Automated tests easily verify that your code is working as expected
 - Well-written tests help others understand how your code is supposed to work
- ◉ Some perceived drawbacks
 - Tests take time to write
 - Tests can be difficult to read (that's why we're practicing now)

Test-Driven Development

- ◉ TDD plays a central role at Fullstack
 - Great learning tool
 - Very important skillset to develop before entering job market
- ◉ TDD plays a central role in the Bootcamp
 - You will not write tests yourself initially (we've done that for you)
 - The workshops over the next few weeks will use TDD

Demo

<https://codepen.io/FullstackAcademy/pen/EEKXWB?editors=0010>