

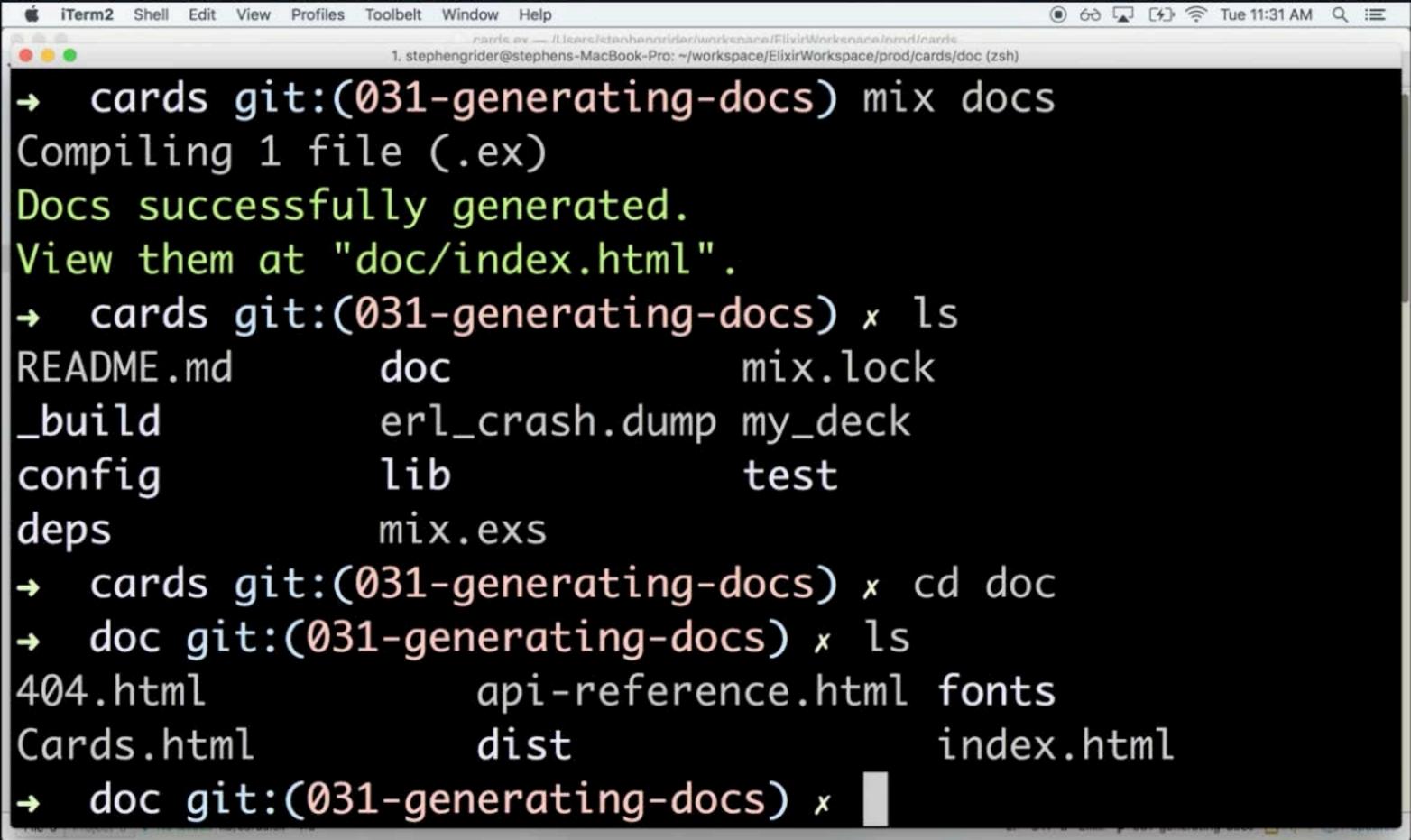
→ cards git:(031-generating-docs) mix docs

Compiling 1 file (.ex)

Docs successfully generated.

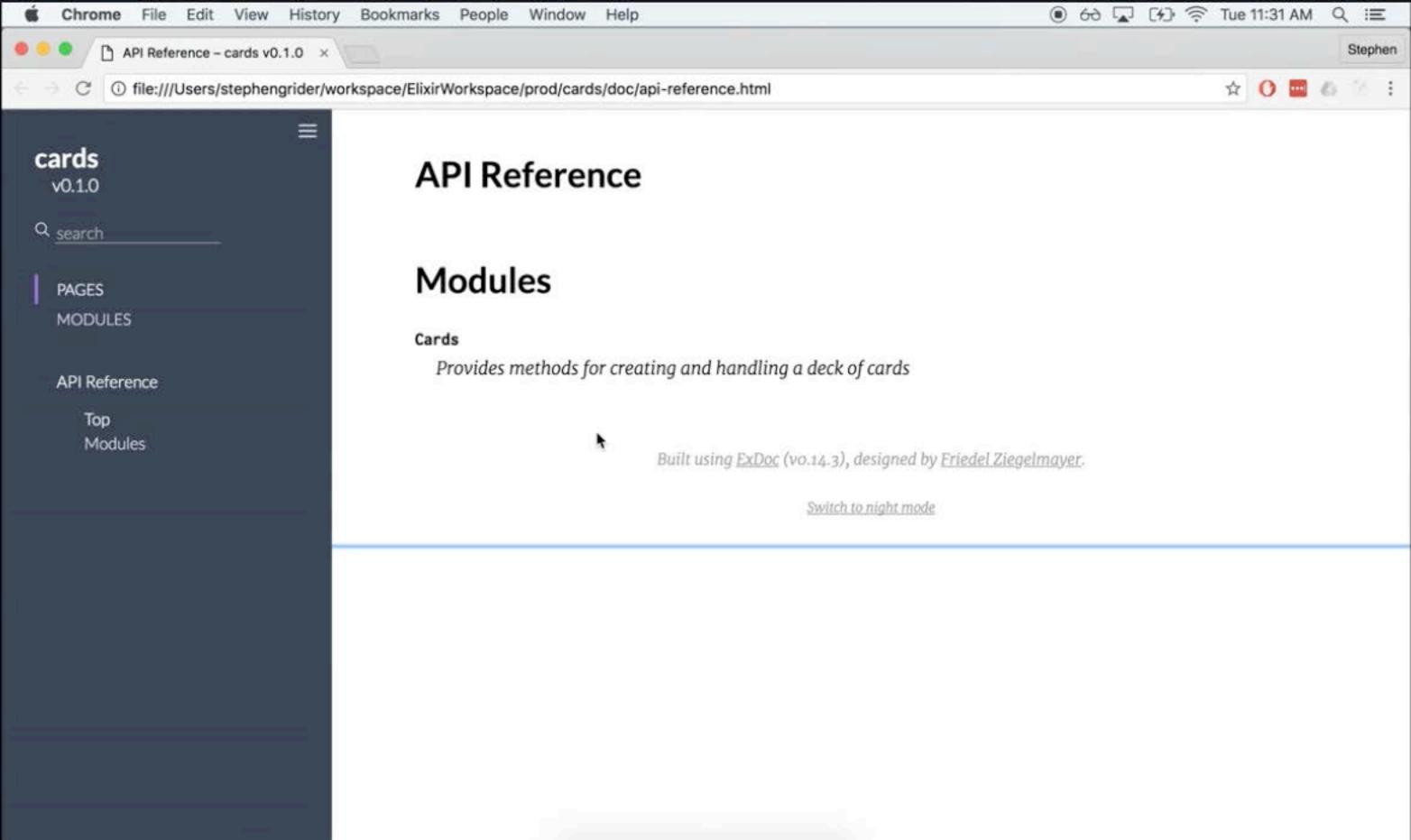
View them at "doc/index.html".

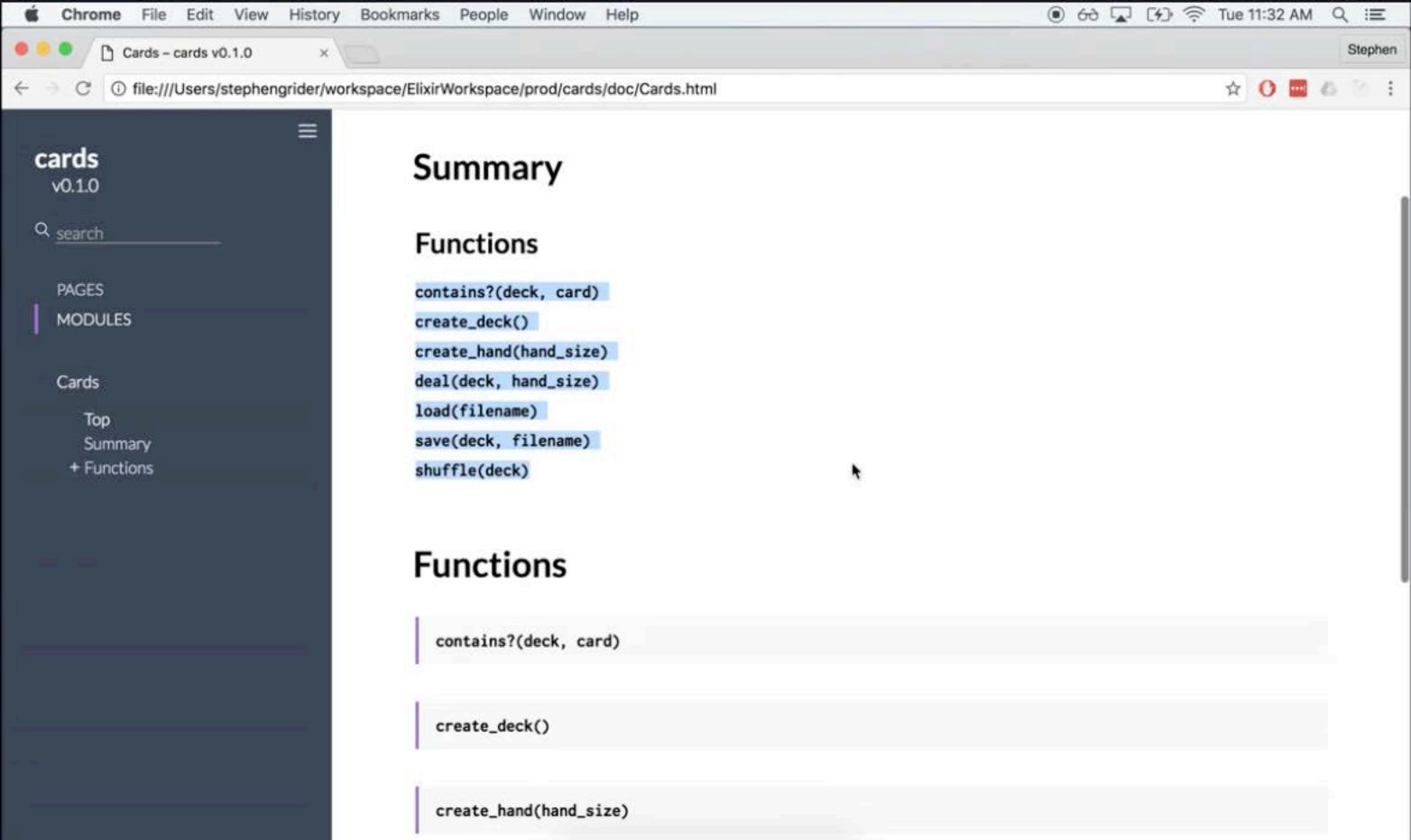
→ cards git:(031-generating-docs) x

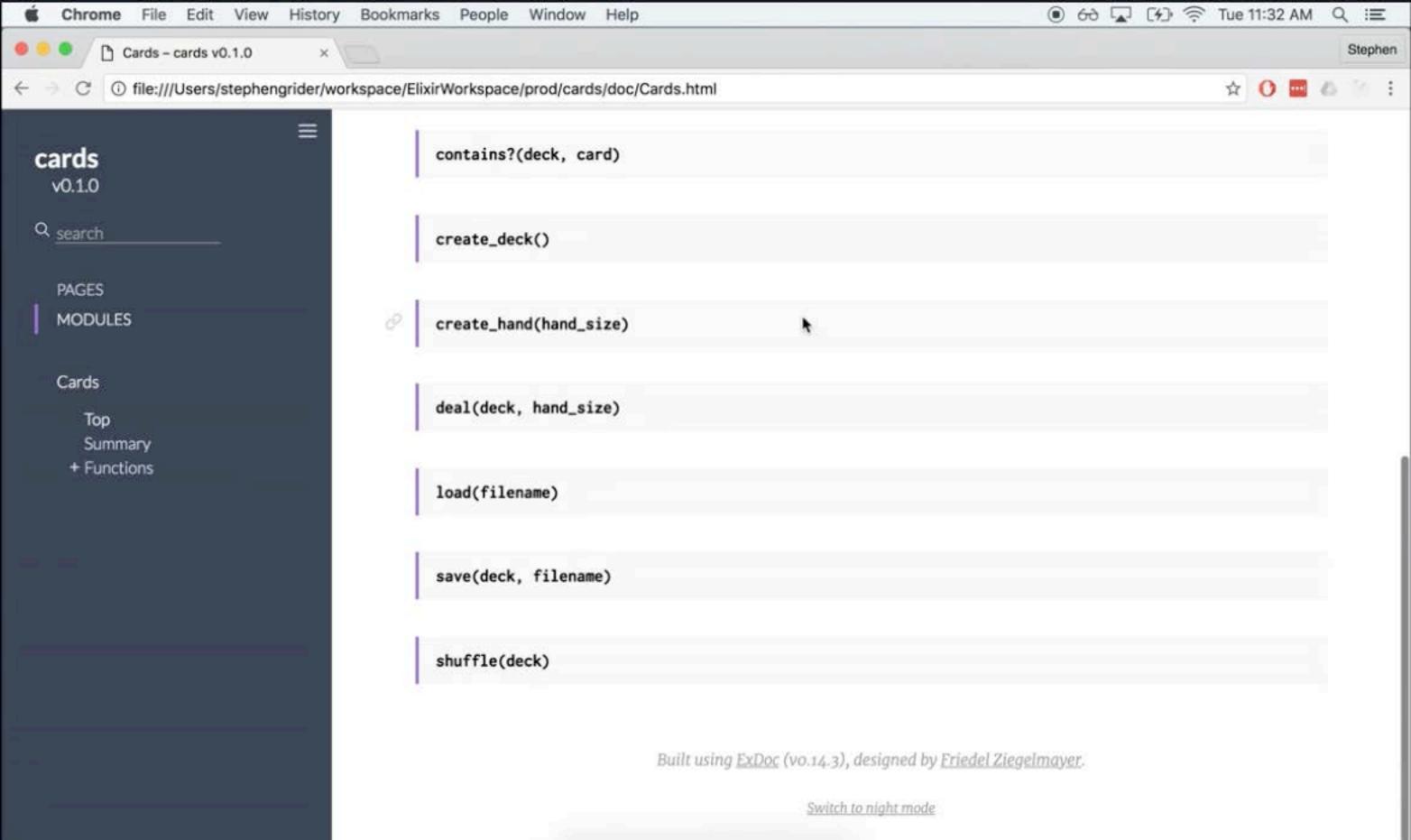


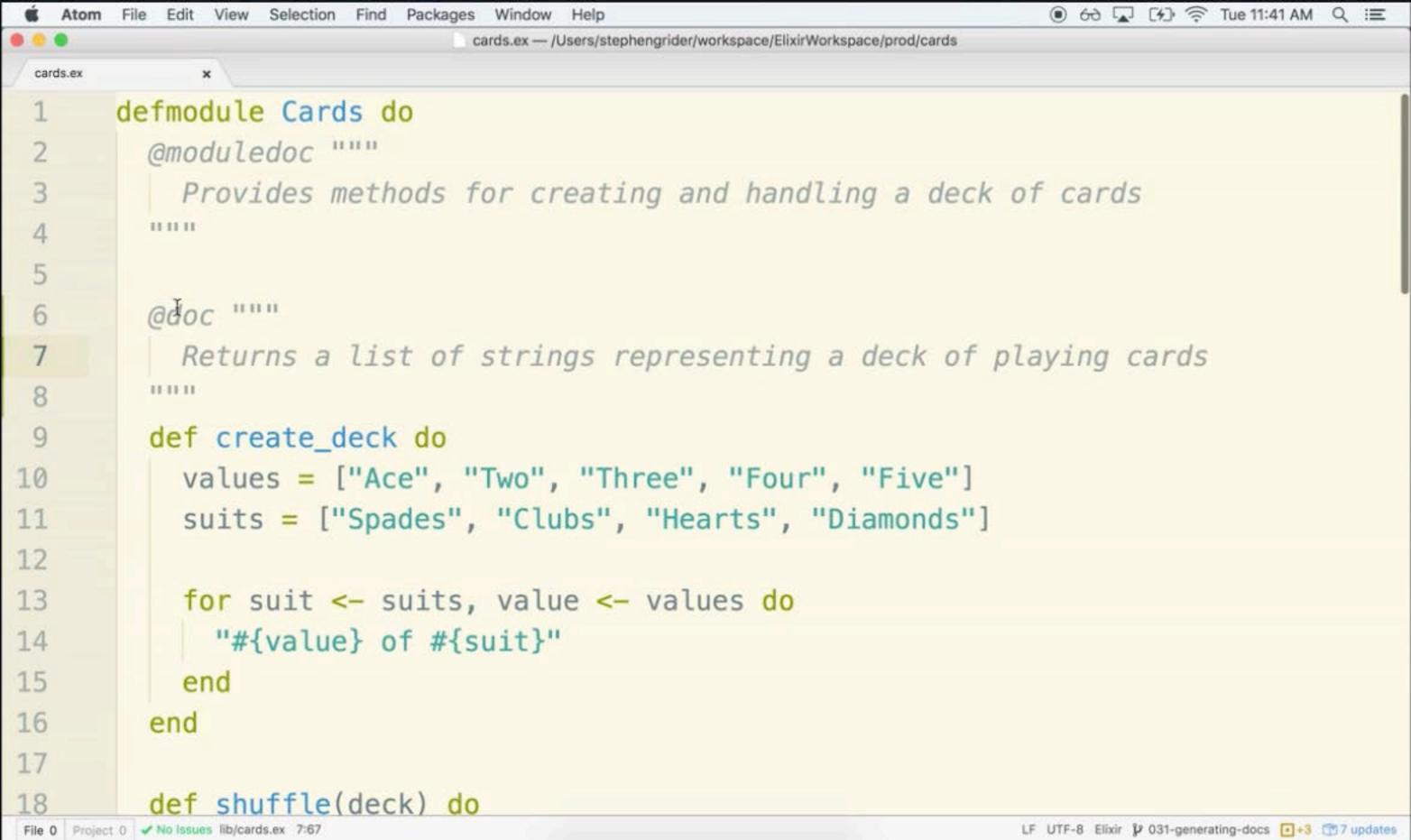
```
    stephengrider@stephens-MacBook-Pro: ~/workspace/ElixirWorkspace/prod/cards/doc (zsh)

Compiling 1 file (.ex)
Docs successfully generated.
View them at "doc/index.html".
→ cards git:(031-generating-docs) x ls
README.md doc
                                 mix.lock
_build
       erl_crash.dump my_deck
                lib
config
                                 test
deps
                mix.exs
→ cards git:(031-generating-docs) x cd doc
→ doc git:(031-generating-docs) x ls
            api-reference.html fonts
404.html
Cards.html
                                          index.html
                    dist
   doc git:(031-generating-docs) x open index.html
   doc git:(031-generating-docs) x
```





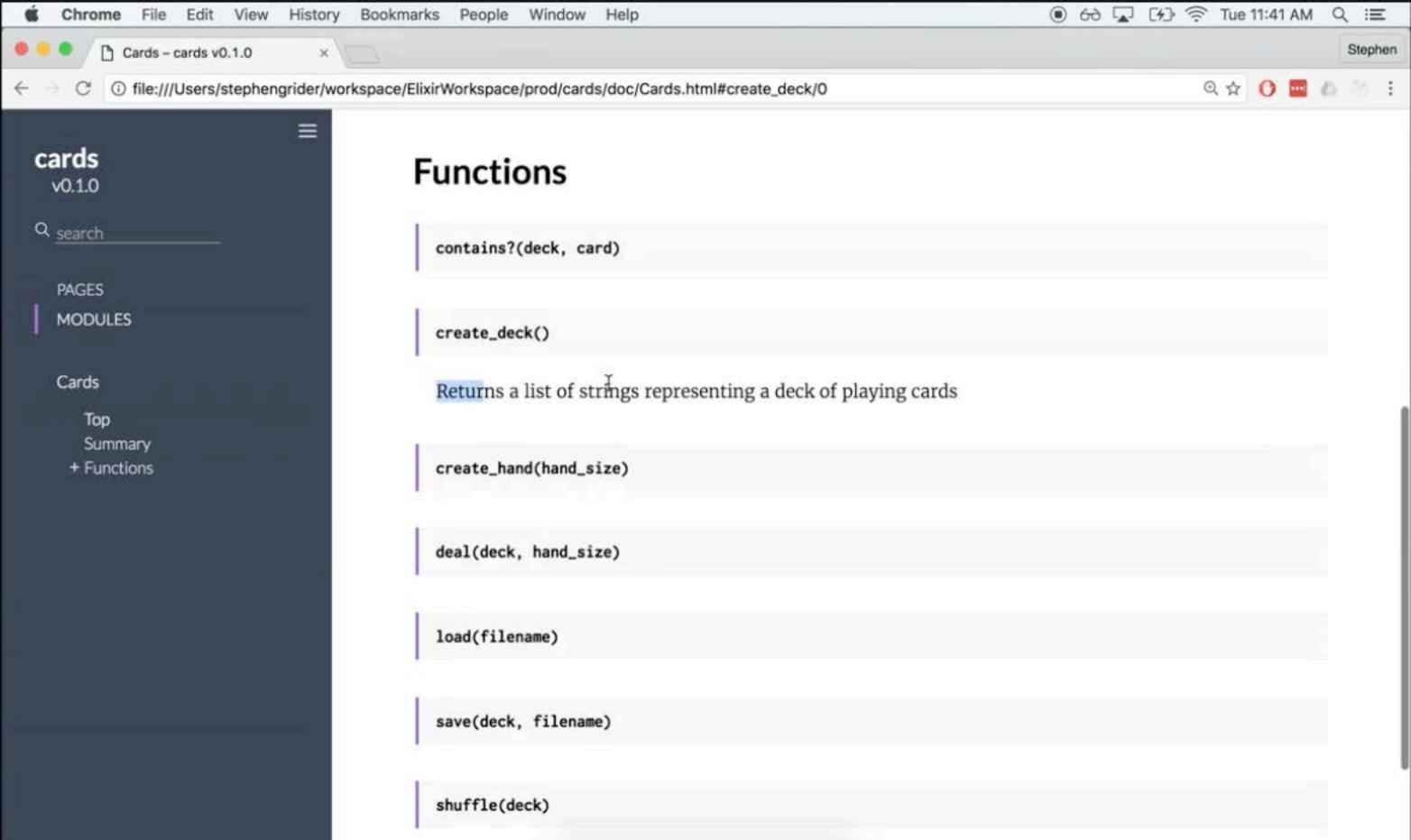




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1. mix docs (sh)

cards git:(031-generating-docs) mix docs



1, mix docs (zsh)

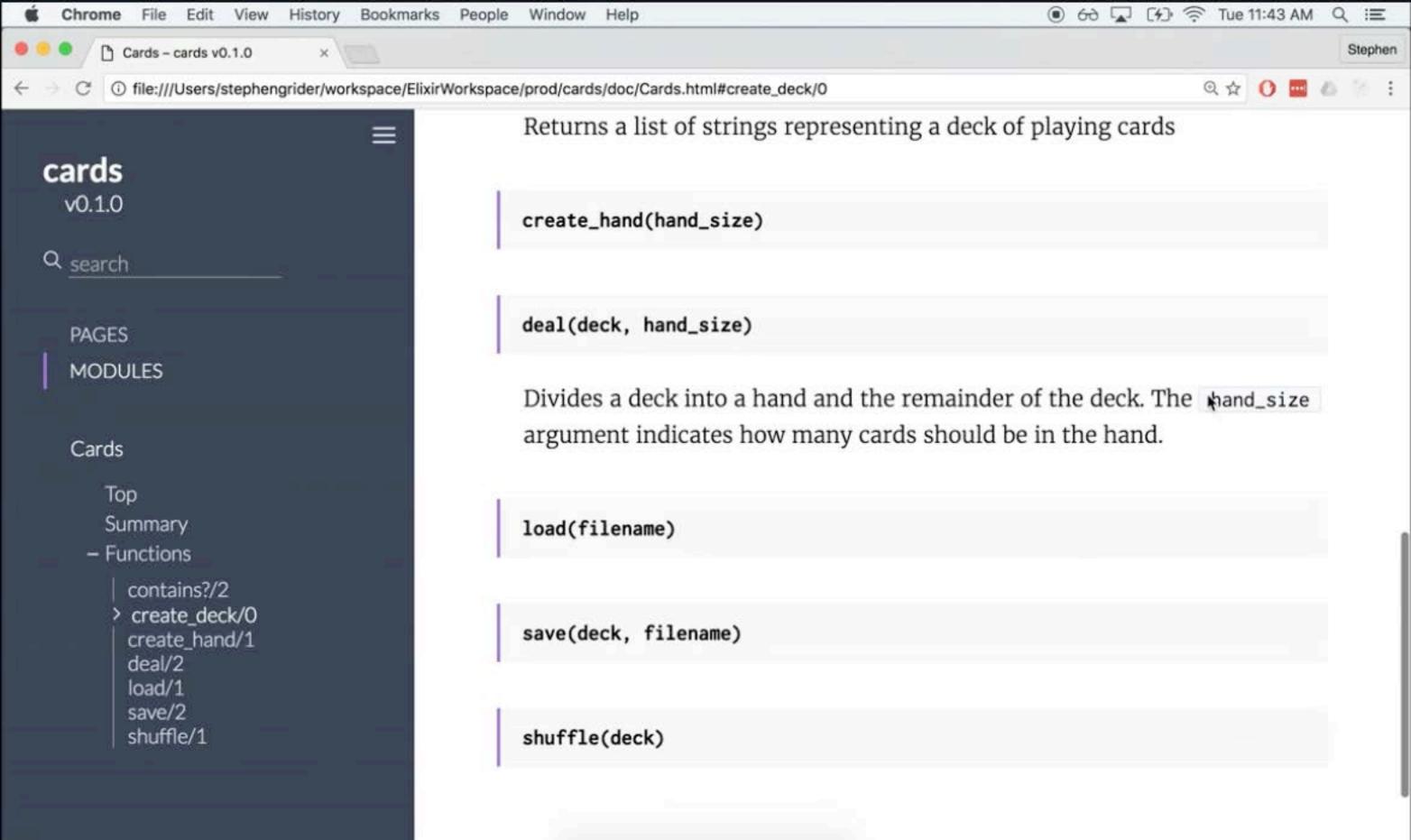
→ cards git:(031-generating-docs) mix docs

Compiling 1 file (.ex)

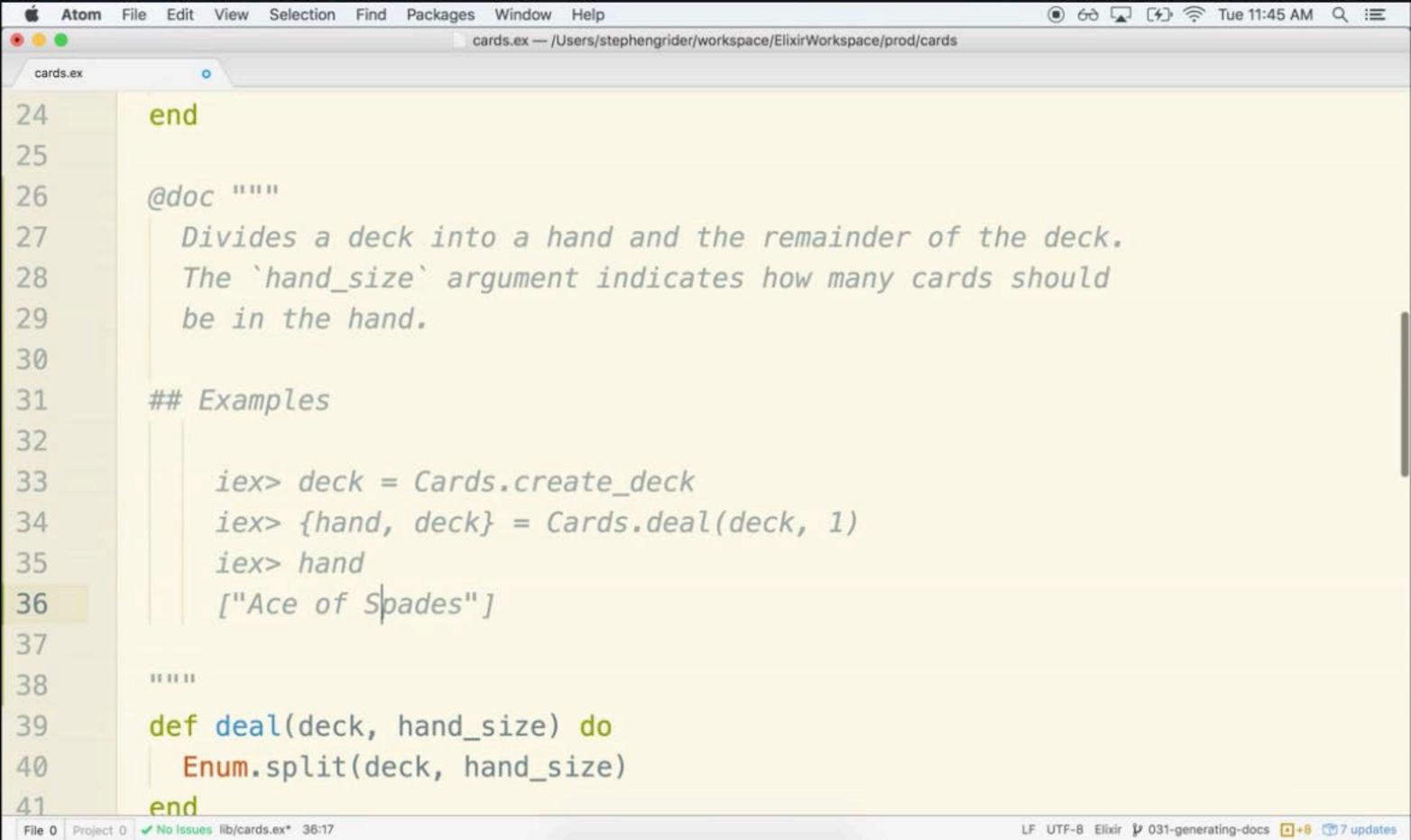
Docs successfully generated.

View them at "doc/index.html".

- → cards git:(031-generating-docs) x open doc/index.html
- → cards git:(031-generating-docs) x mix docs



⑥ 60 □ (4) ○ Tue 11:44 AM Q := iTerm2 Shell Edit View Profiles Toolbelt Window "Three of Hearts", "Four of Hearts", "Five of Hearts", "Ace of Diamonds", "Two of Diamonds", "Three of Diamonds", "Four of Diamonds", "Five of Diamonds"] iex(2) {hand, deck} = Cards.deal(deck, 1) {["Ace of Spades"], ["Two of Spades", "Three of Spades", "Four of Spades", "Five of Spades", "Ace of Clubs", "Two of Clubs", "Three of Clubs", "Four of Clubs", "Five of Clubs", "Ace of Hearts", "Two of Hearts", "Three of Hearts", "Four of Hearts", "Five of Hearts", "Ace of Diamonds", "Two of Diamonds", "Three of Diamonds", "Four of Diamonds", "Five of Diamonds"]} iex(3) > hand["Ace of Spades"]



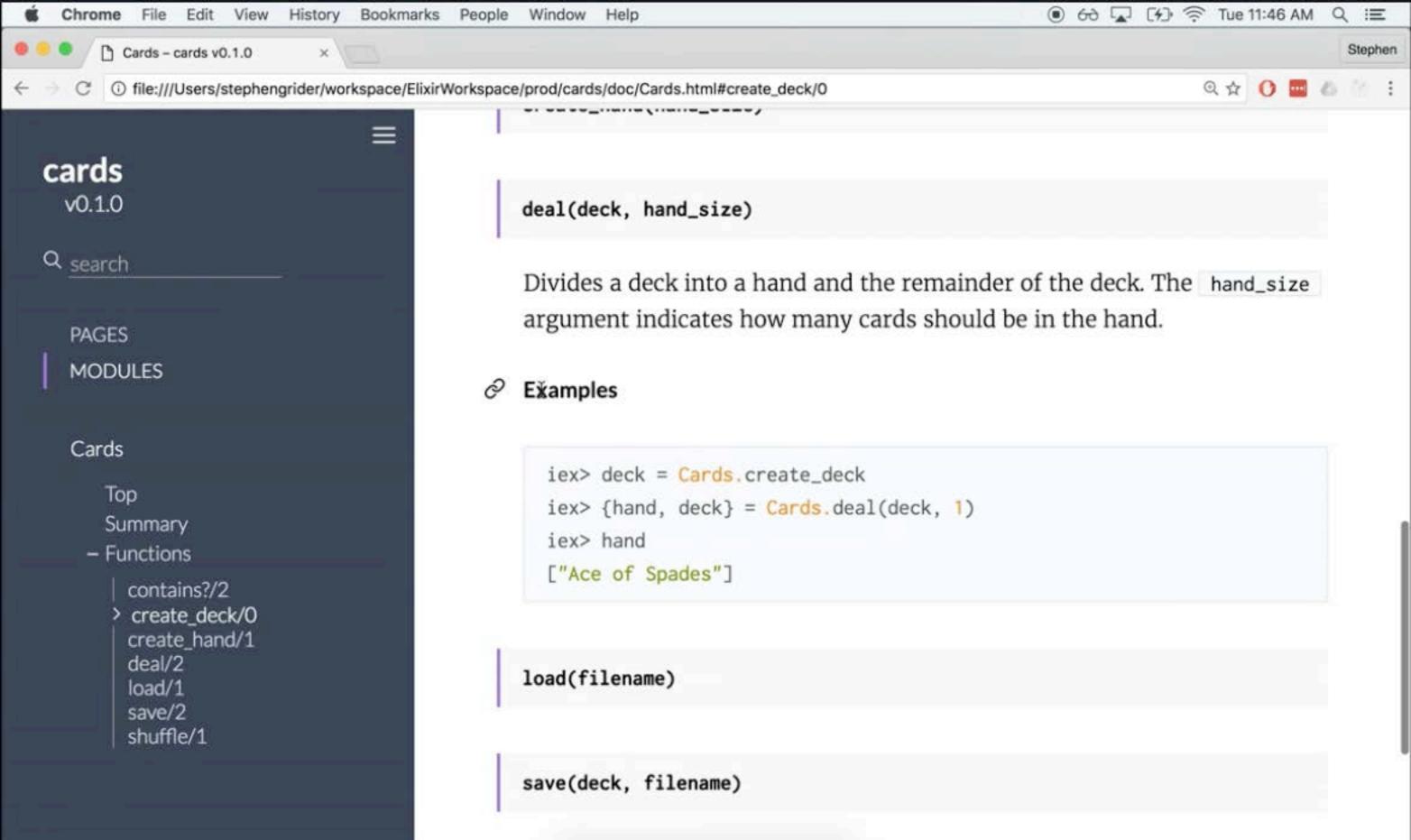
Term2 Shell Edit View Profiles Toolbelt Window Help

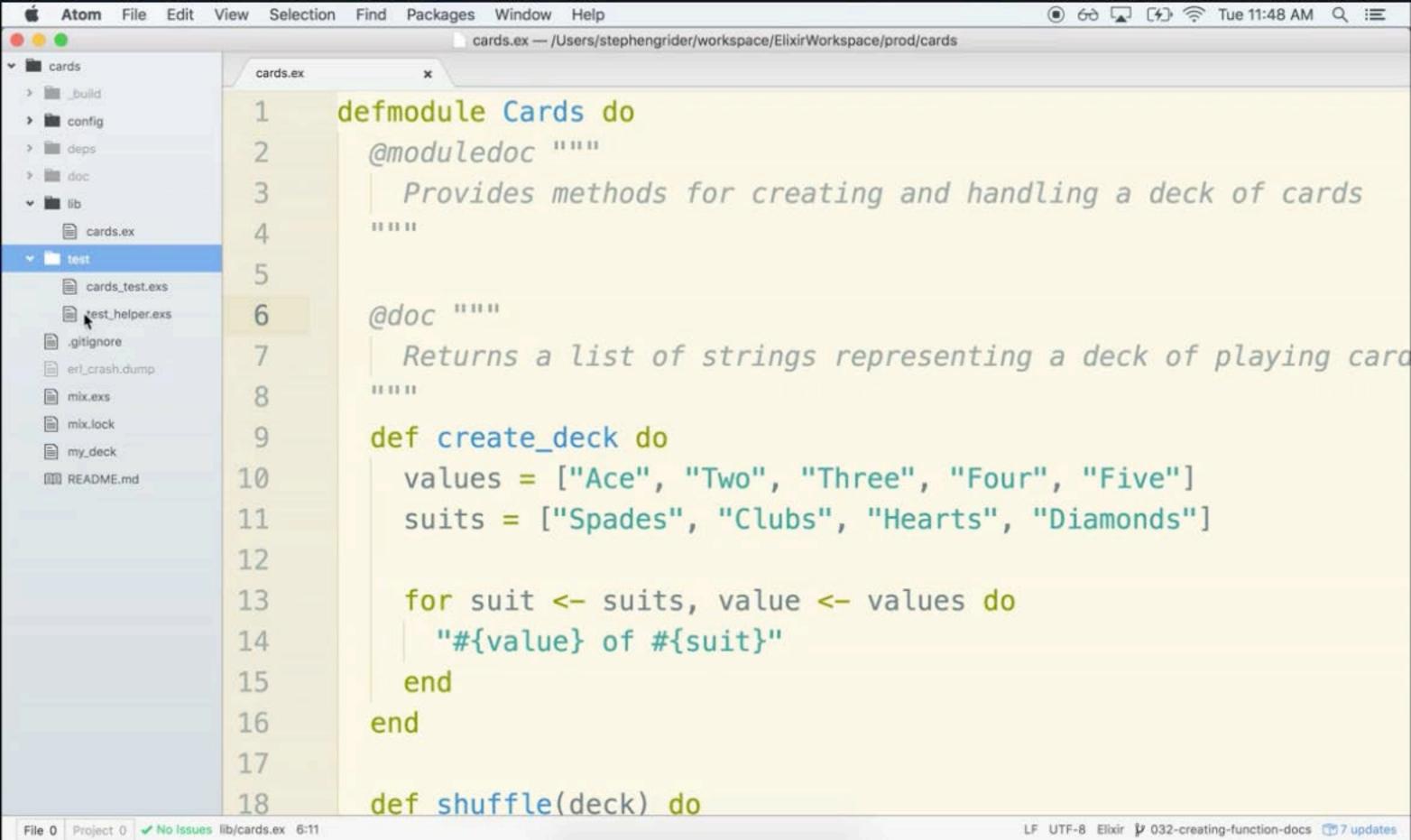
● 60 🖫 😥 🥱 Tue 11:46 AM 🔍 🗏

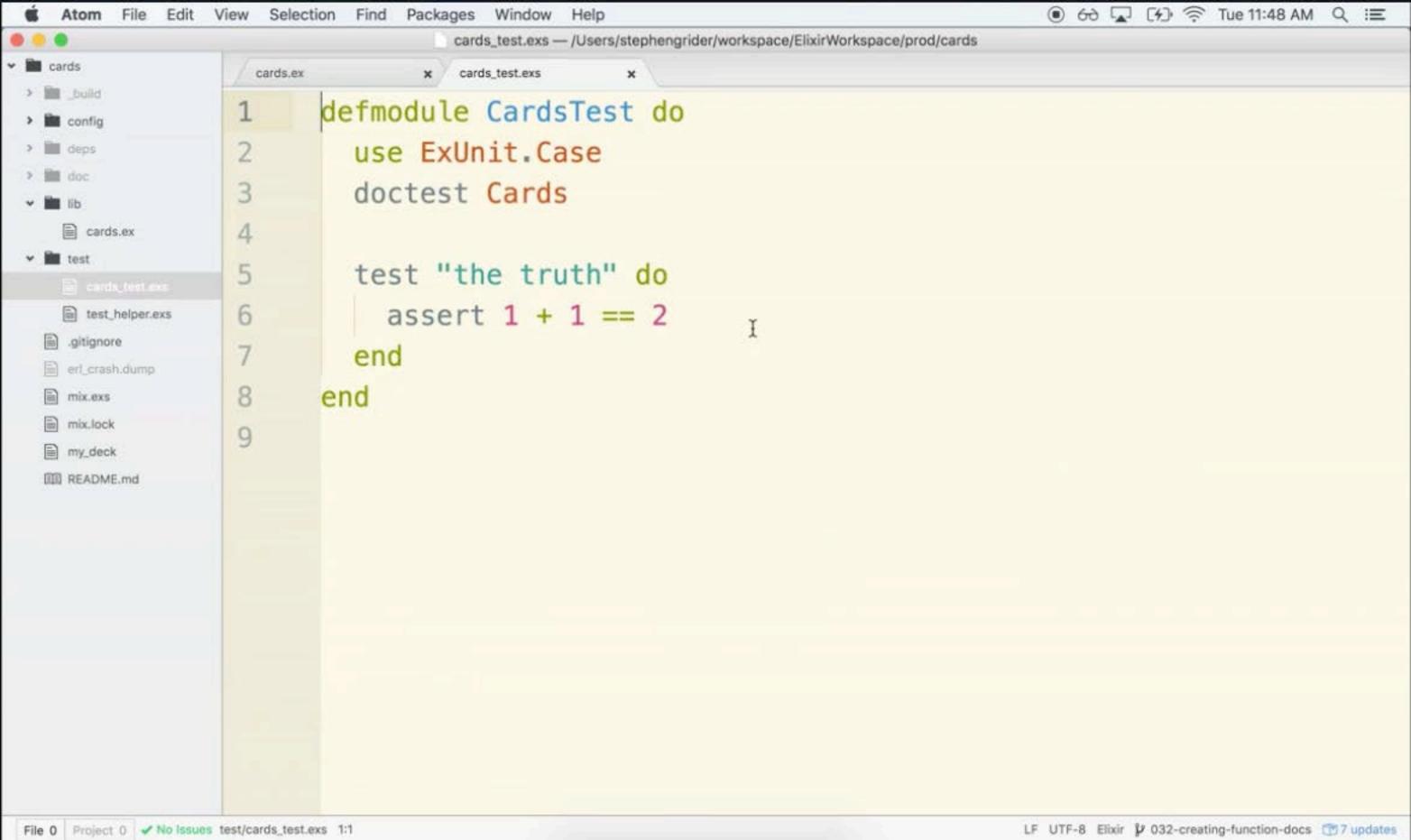
```
"Three of Clubs", "Four of Clubs", "Five of Clubs",
  "Ace of Hearts", "Two of Hearts", "Three of Hearts",
  "Four of Hearts", "Five of Hearts", "Ace of Diamonds",
  "Two of Diamonds", "Three of Diamonds", "Four of Diamonds",
  "Five of Diamonds"]}
liex(3) > hand
["Ace of Spades"]
iex(4)>
BREAK: (a)bort (c)ontinue (p)roc info (i)nfo (l)oaded
       (v)ersion (k)ill (D)b-tables (d)istribution
```

- → cards git:(031-generating-docs) x
- → cards git:(031-generating-docs) x mix docs

Compiling 1 file (.ex)







Compiling 14 files (.ex)
Generated ex_doc app

==> cards

Compiling 1 file (.ex)

Generated cards app

warning: variable deck is unused
 (for doctest at) lib/cards.ex:34

• •

Finished in 0.06 seconds 2 tests, 0 failures

Randomized with seed 496208

→ cards git:(032-creating-function-docs)

```
Generated earmark app
```

• •

Finished in 0.06 seconds 2 tests, 0 failures

Compiling 14 files (.ex)

|Generated ex_doc app

==> cards

Compiling 1 file (.ex)

Generated cards app

warning: variable deck is unused

(for doctest at) lib/cards.ex:34

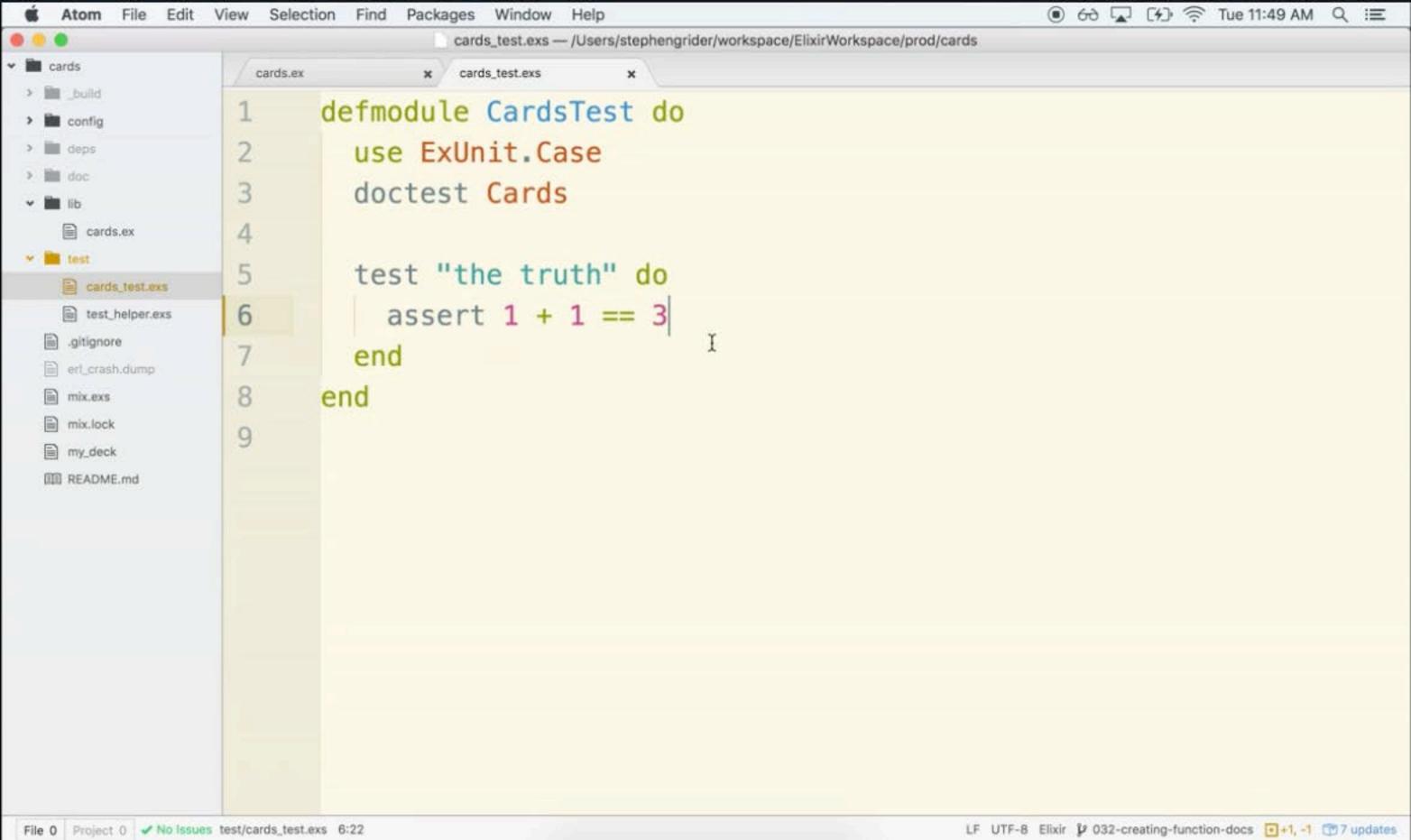
• •

Finished in 0.06 seconds

2 tests, 0 failures

Randomized with seed 496208

→ cards git:(032-creating-function-docs)



Compiling 14 files (.ex)

|Generated ex_doc app

==> cards

Compiling 1 file (.ex)

Generated cards app

warning: variable deck is unused

(for doctest at) lib/cards.ex:34

• •

Finished in 0.06 seconds

2 tests, 0 failures

Randomized with seed 496208

→ cards git:(032-creating-function-docs) mix test

test/cards_test.exs:5

Assertion with == failed

code: 1 + 1 == 3

lhs: 2

rhs: 3

stacktrace:

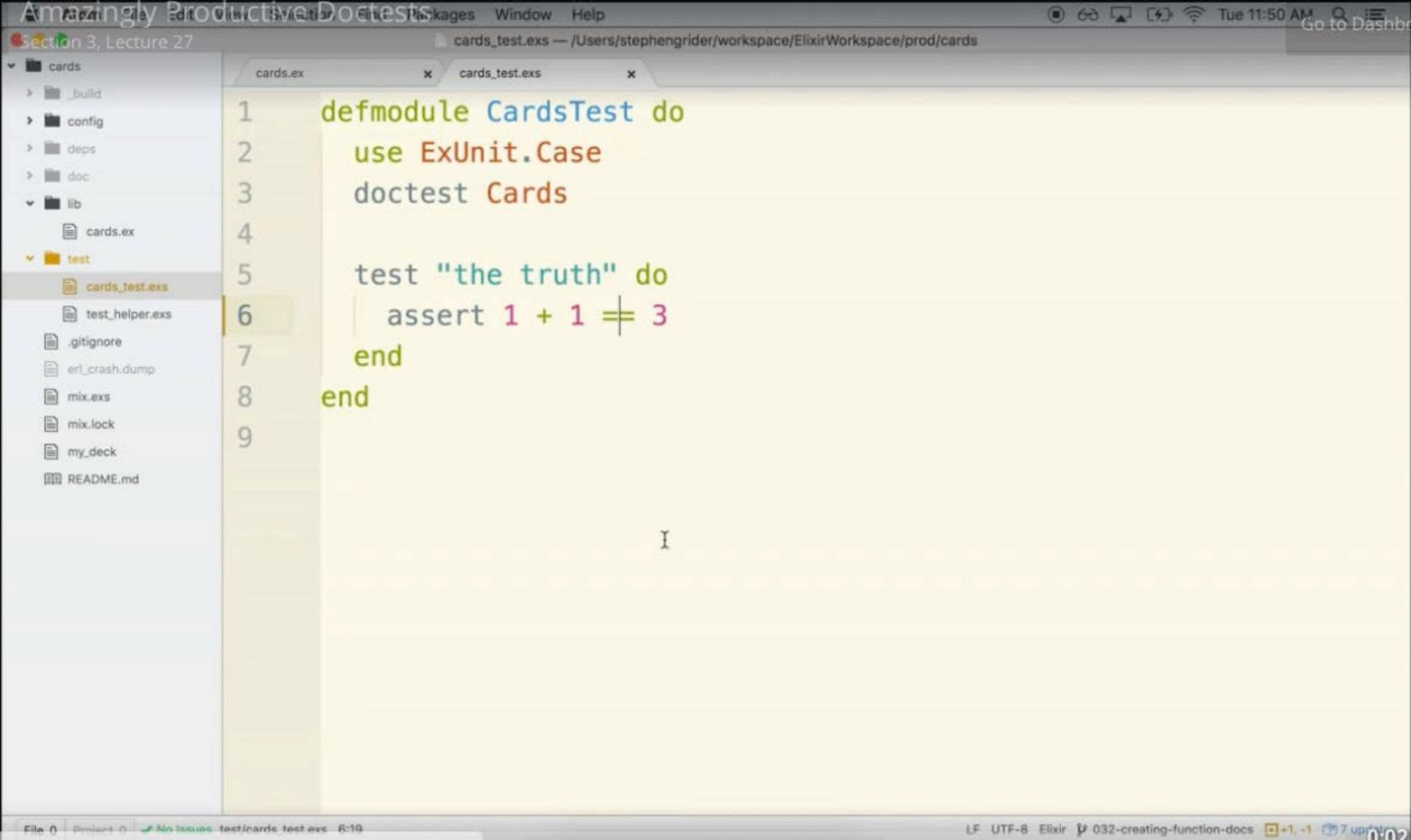
test/cards_test.exs:6: (test)

Finished in 0.09 seconds

2 tests, 1 failure

Randomized with seed 837699

cards git:(032-creating-function-docs) x



Finished in 0.08 seconds

2 tests, 1 failure

Randomized with seed 704310

→ cards git:(032-creating-function-docs) x mix test

warning: variable deck is unused

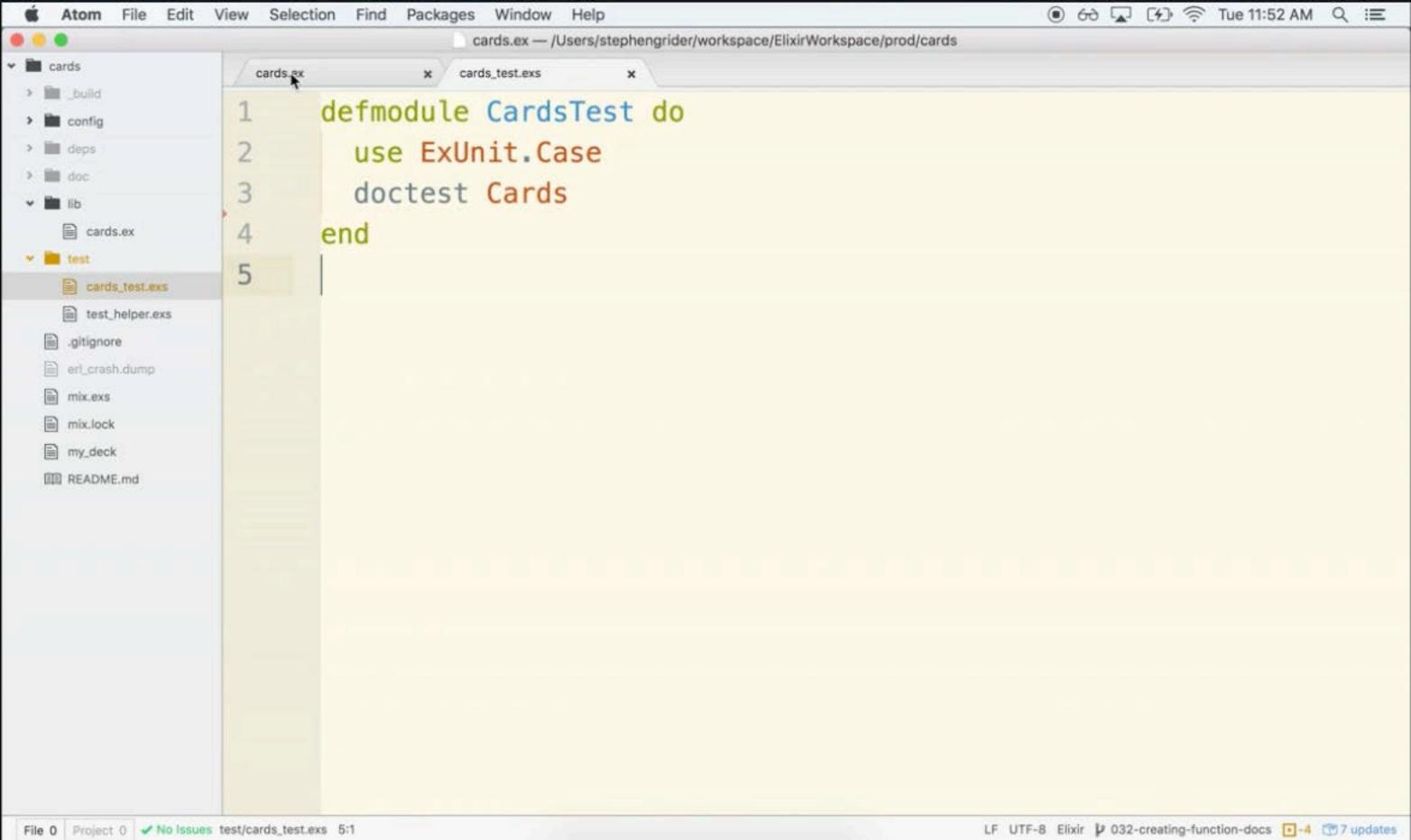
(for doctest at) lib/cards.ex:34

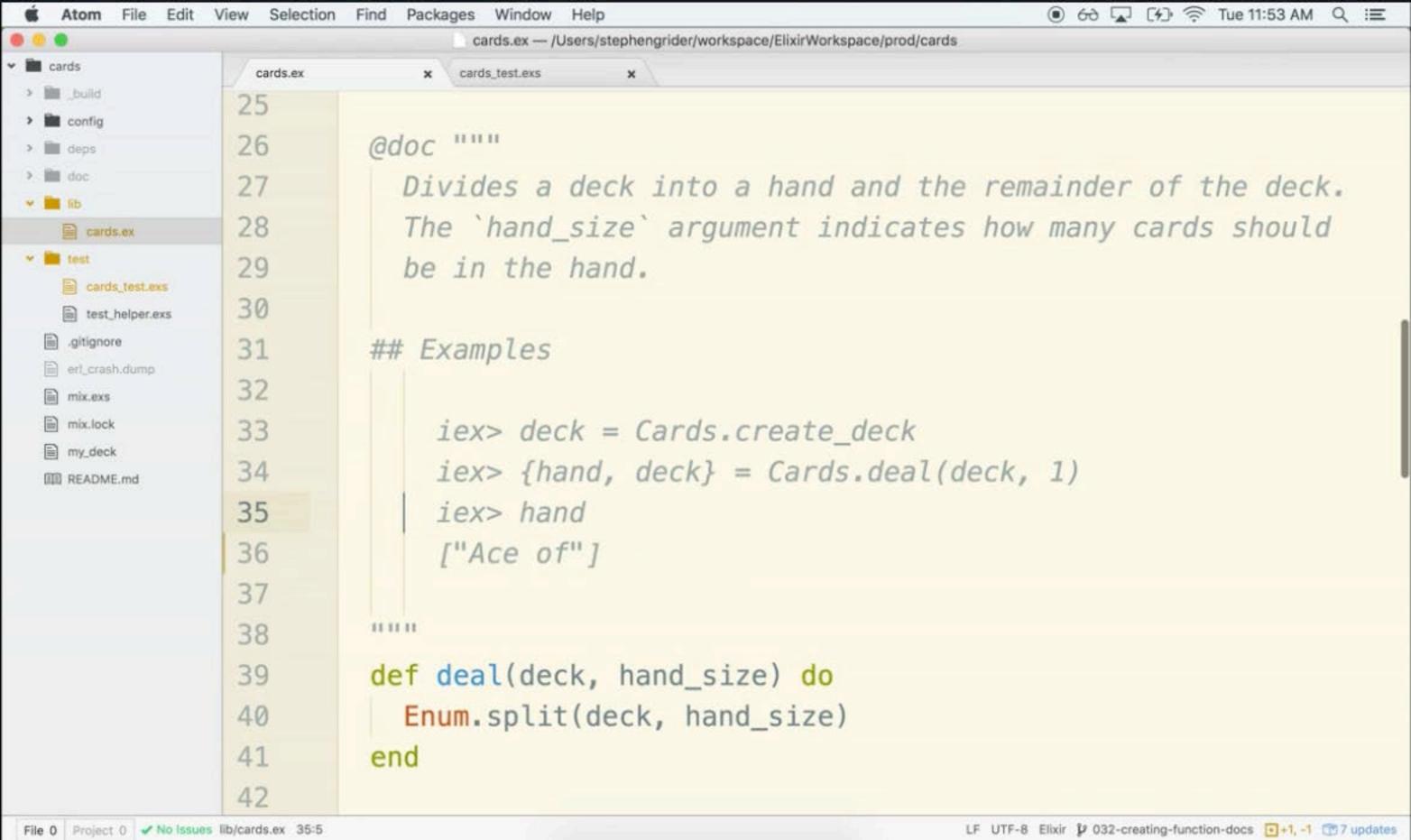
Finished in 0.06 seconds

1 test, 0 failures

Randomized with seed 89962

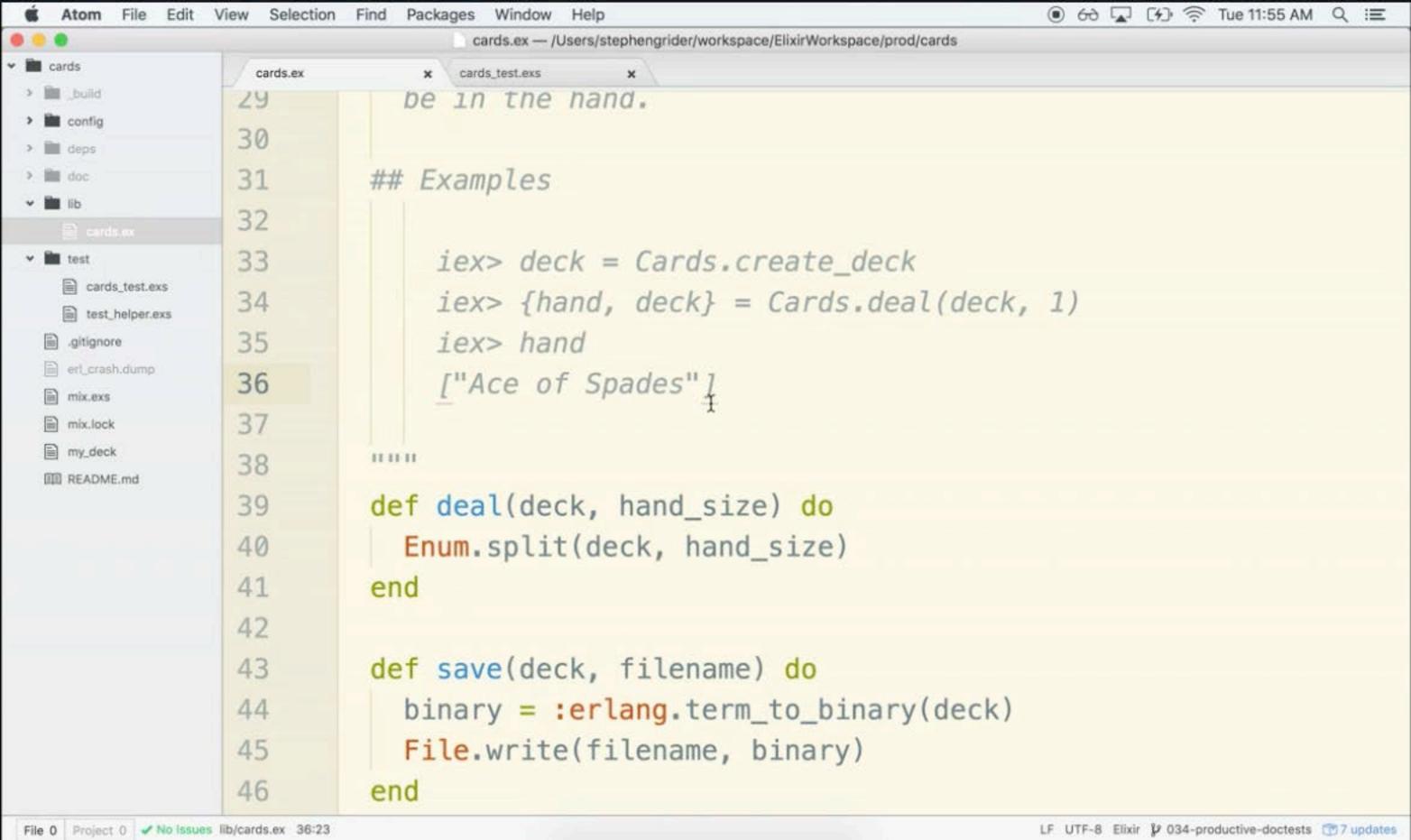
→ cards git:(032-creating-function-docs) x



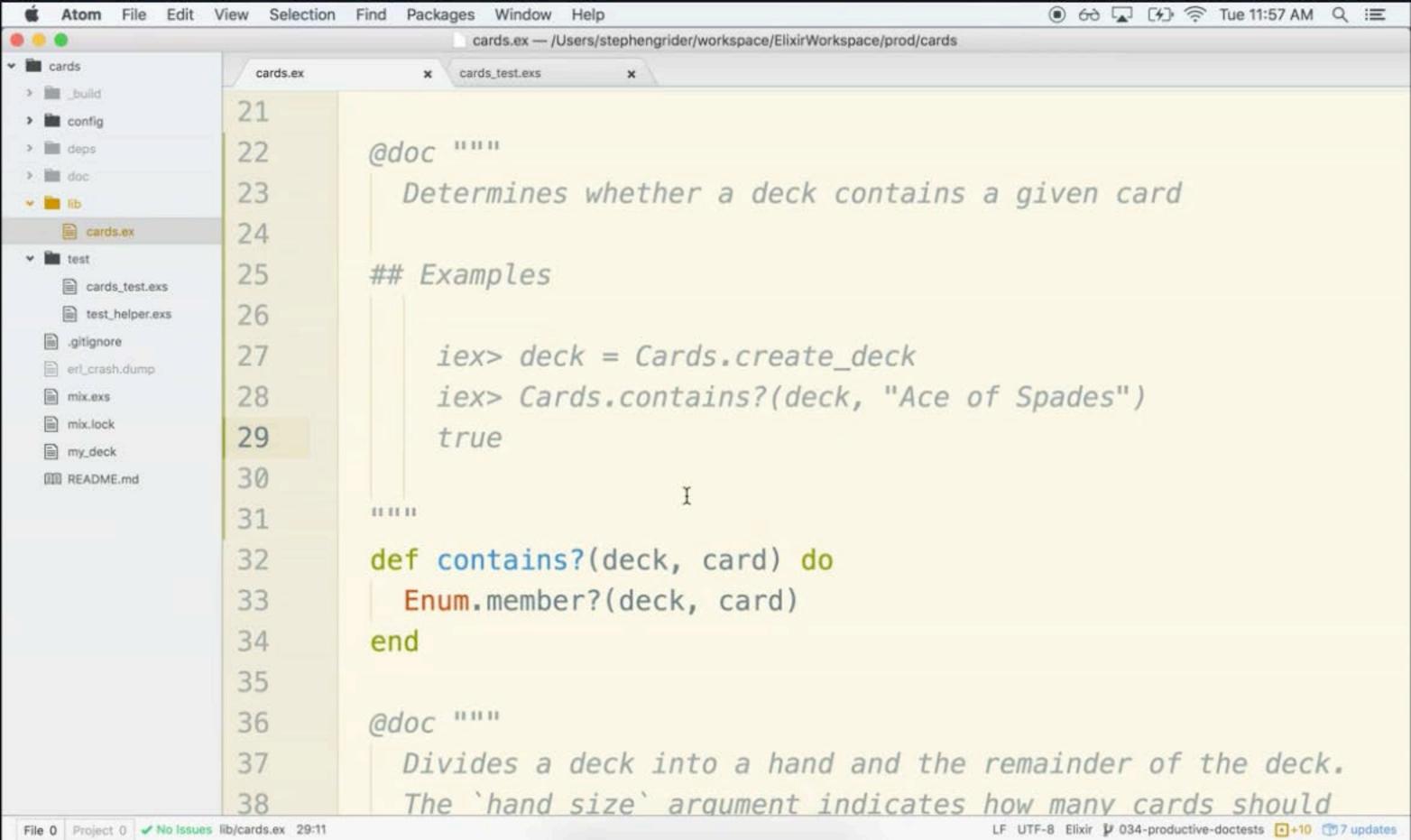


```
1) test doc at Cards.deal/2 (1) (CardsTest)
   test/cards_test.exs:3
   Doctest failed
   code: deck = Cards.create_deck
          {hand, deck} = Cards.deal(deck, 1)
          hand === ["Ace of"]
   lhs: ["Ace of Spades"]
   stacktrace:
     lib/cards.ex:33: Cards (module)
```

Finished in 0.06 seconds



```
eads:10] [hipe] [kernel-poll:false] [dtrace]
Interactive Elixir (1.3.4) - press Ctrl+C to exit (type h() ENT
[ER for help)
iex(1)> deck = Cards.create_deck
["Ace of Spades", "Two of Spades", "Three of Spades",
"Four of Spades", "Five of Spades", "Ace of Clubs",
"Two of Clubs", "Three of Clubs", "Four of Clubs",
"Five of Clubs", "Ace of Hearts", "Two of Hearts",
"Three of Hearts", "Four of Hearts", "Five of Hearts",
"Ace of Diamonds", "Two of Diamonds", "Three of Diamonds",
"Four of Diamonds", "Five of Diamonds"]
iex(2)> Cards.contains?(deck, "Ace of Spades")
true
```



```
"Five of Clubs", "Ace of Hearts", "Two of Hearts",
"Three of Hearts", "Four of Hearts", "Five of Hearts",
"Ace of Diamonds", "Two of Diamonds", "Three of Diamonds",
"Four of Diamonds", "Five of Diamonds"]
iex(2)> Cards.contains?(deck, "Ace of Spades")
true
```

iex(3)>
BREAK: (a)bort (c)ontinue (p)roc info (i)nfo (l)oaded
 (v)ersion (k)ill (D)b-tables (d)istribution

- ^C<mark>%</mark>
- → cards git:(034-productive-doctests) x
- → cards git:(034-productive-doctests) x
- → cards git:(034-productive-doctests) x mix tests

Compiling 1 file (.ex)

Compiling 1 file (.ex)

- ** (Mix) The task "tests" could not be found. Did you mean "test"?
- → cards git:(034-productive-doctests) x mix test

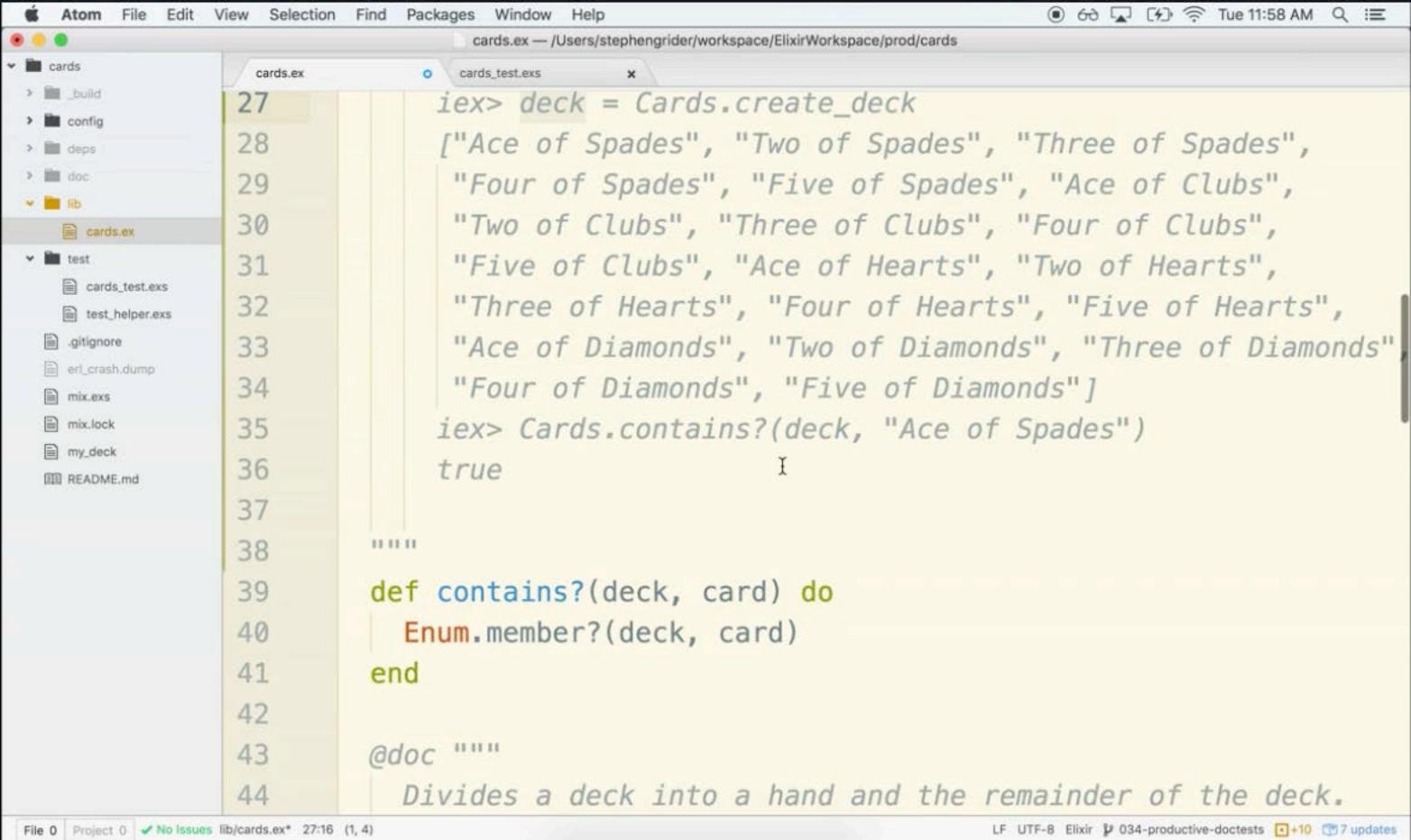
Compiling 1 file (.ex)

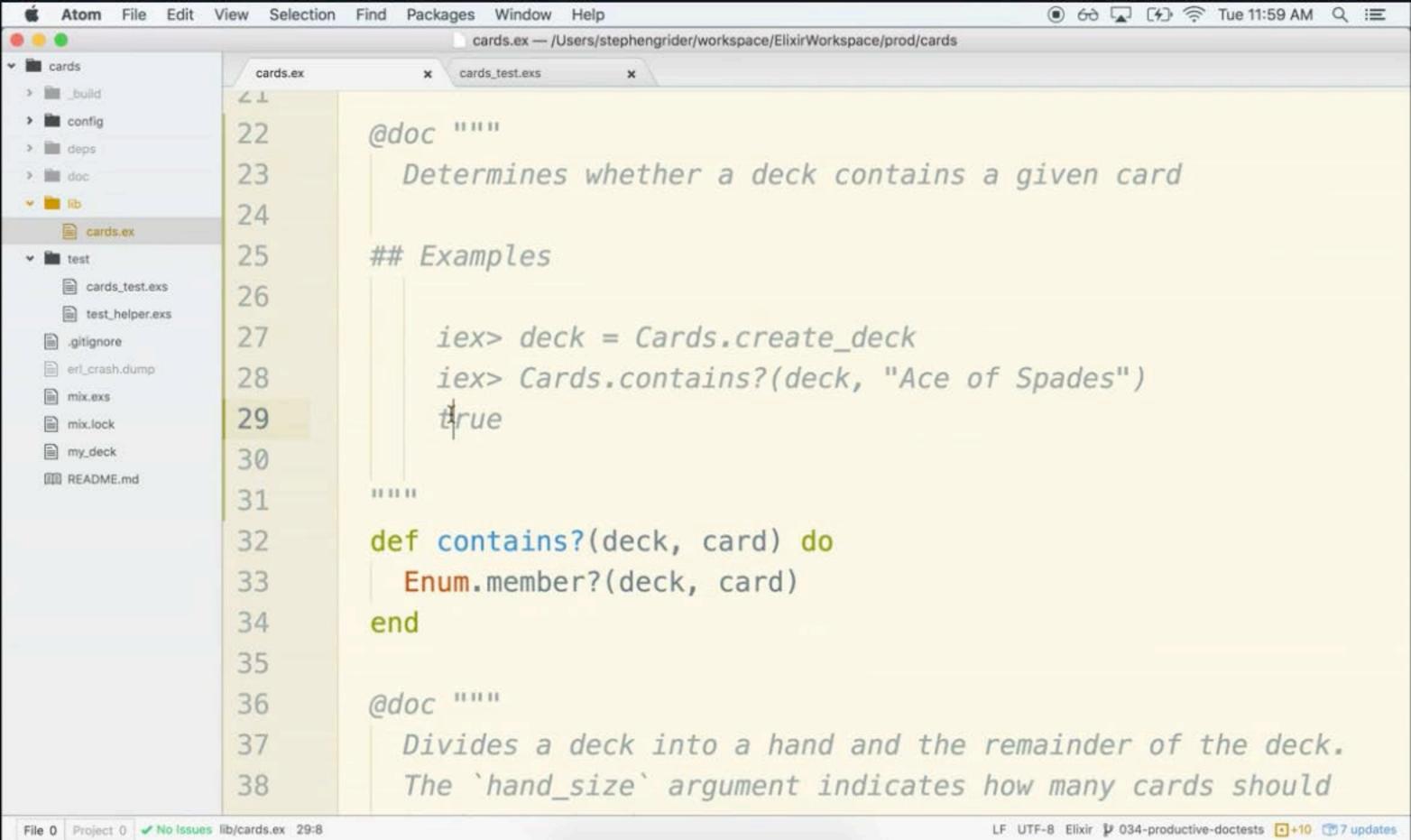
warning: variable deck is unused
 (for doctest at) lib/cards.ex:44

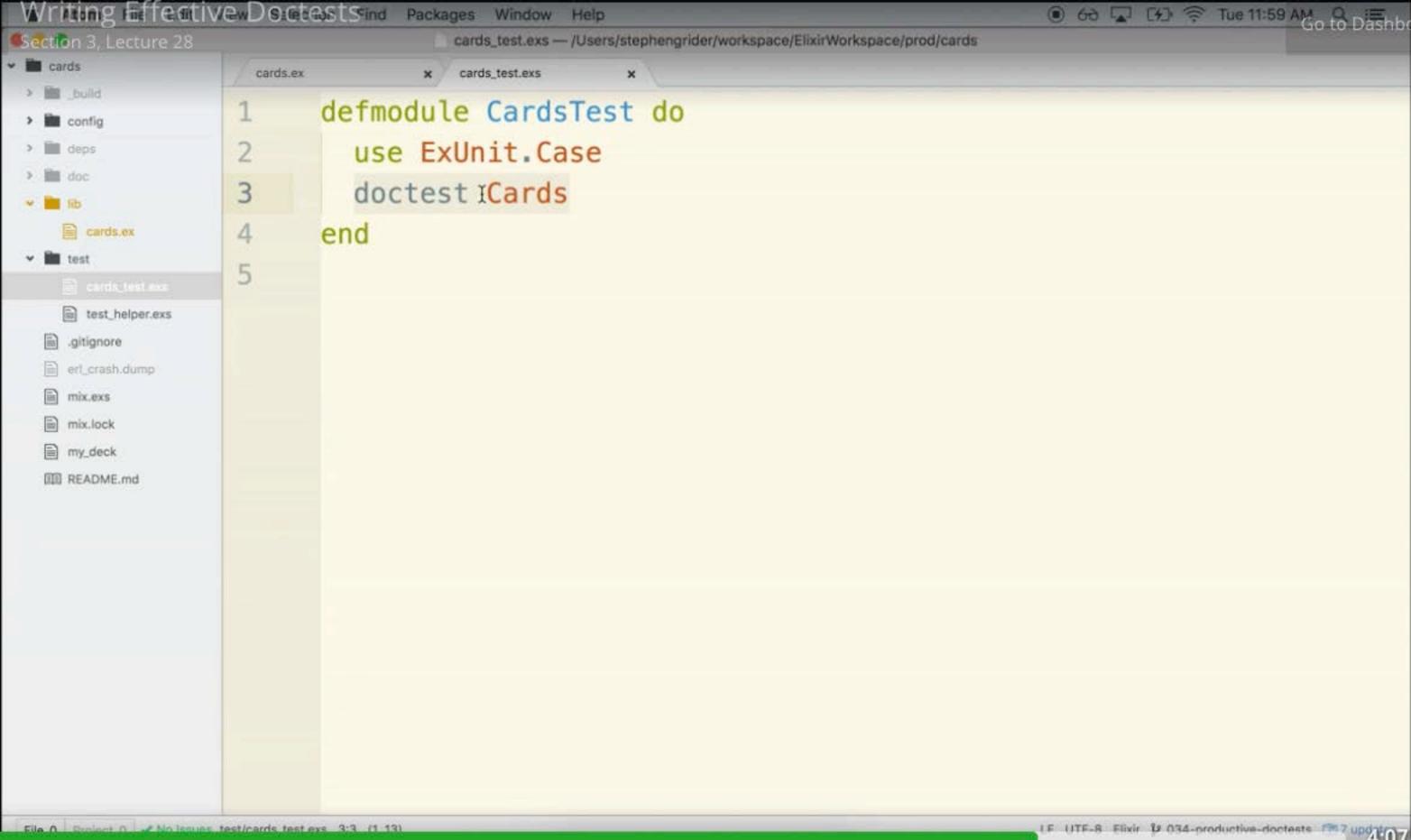
• •

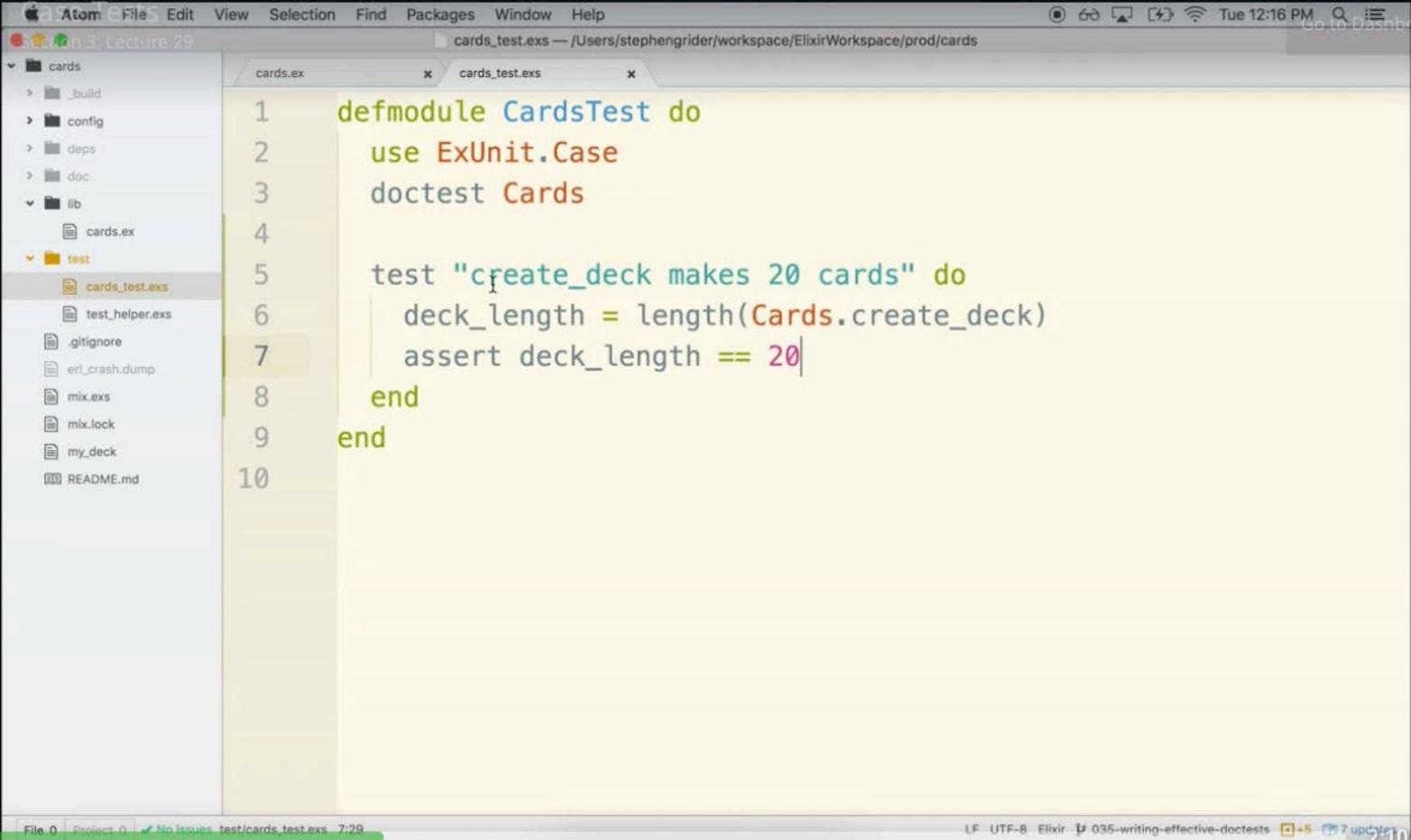
Finished in 0.08 seconds 2 tests, 0 failures

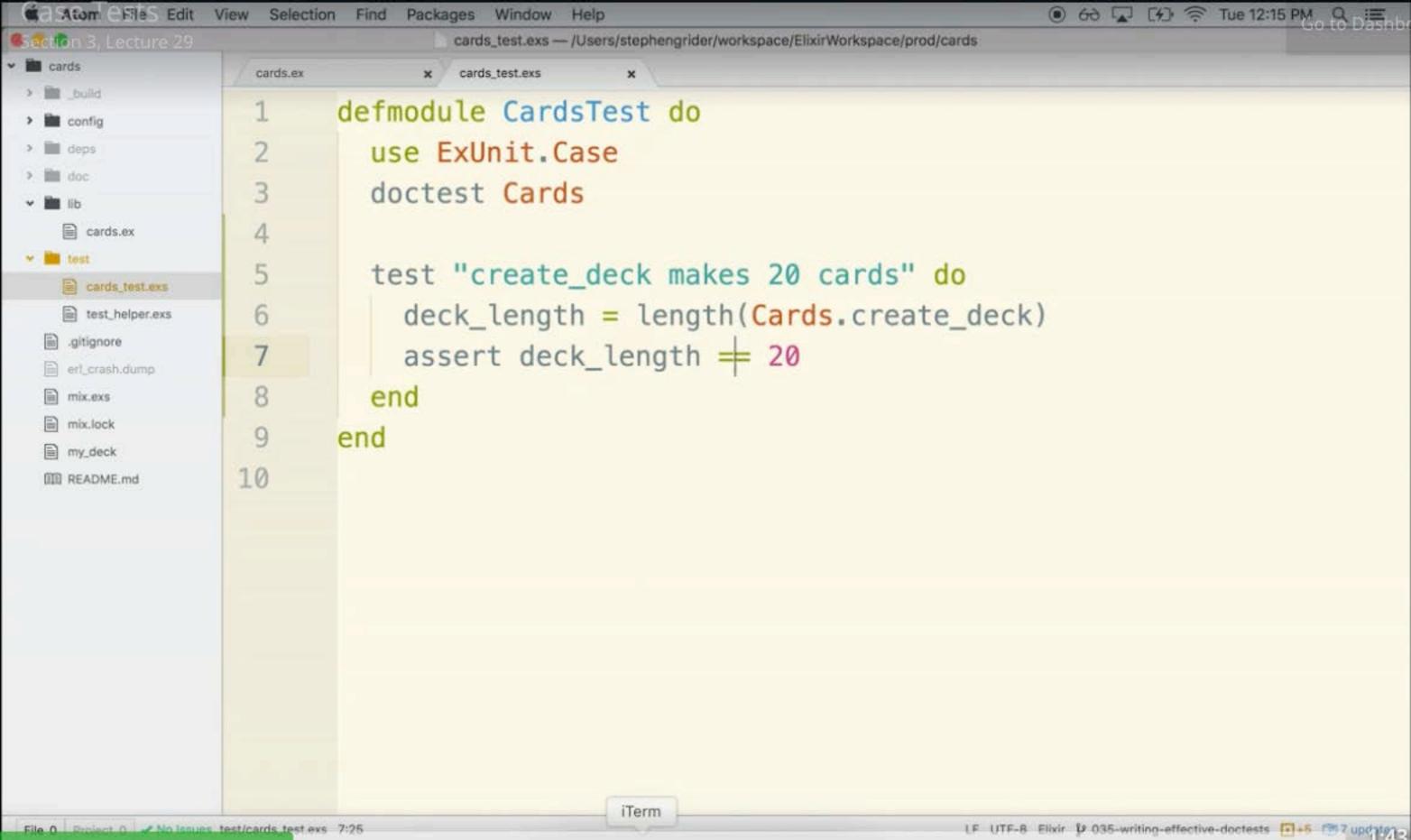
Randomized with seed 106873











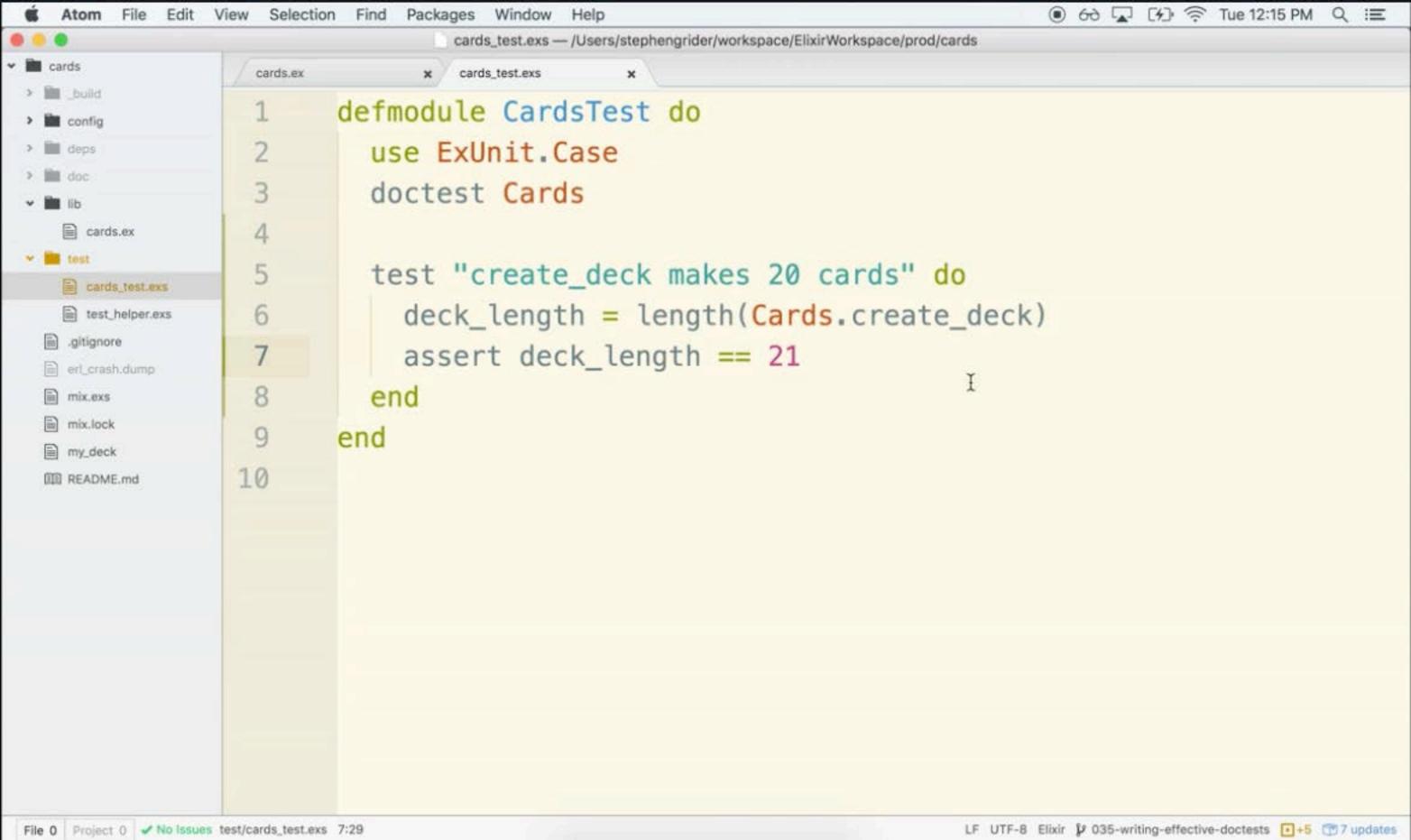
→ cards git:(035-writing-effective-doctests) x mix test warning: variable deck is unused (for doctest at) lib/cards.ex:44

• • •

Finished in 0.1 seconds 3 tests, 0 failures

Randomized with seed 30567

→ cards git:(035-writing-effective-doctests) x



Assertion with == failed code: deck_length == 21

lhs: 20

rhs: 21

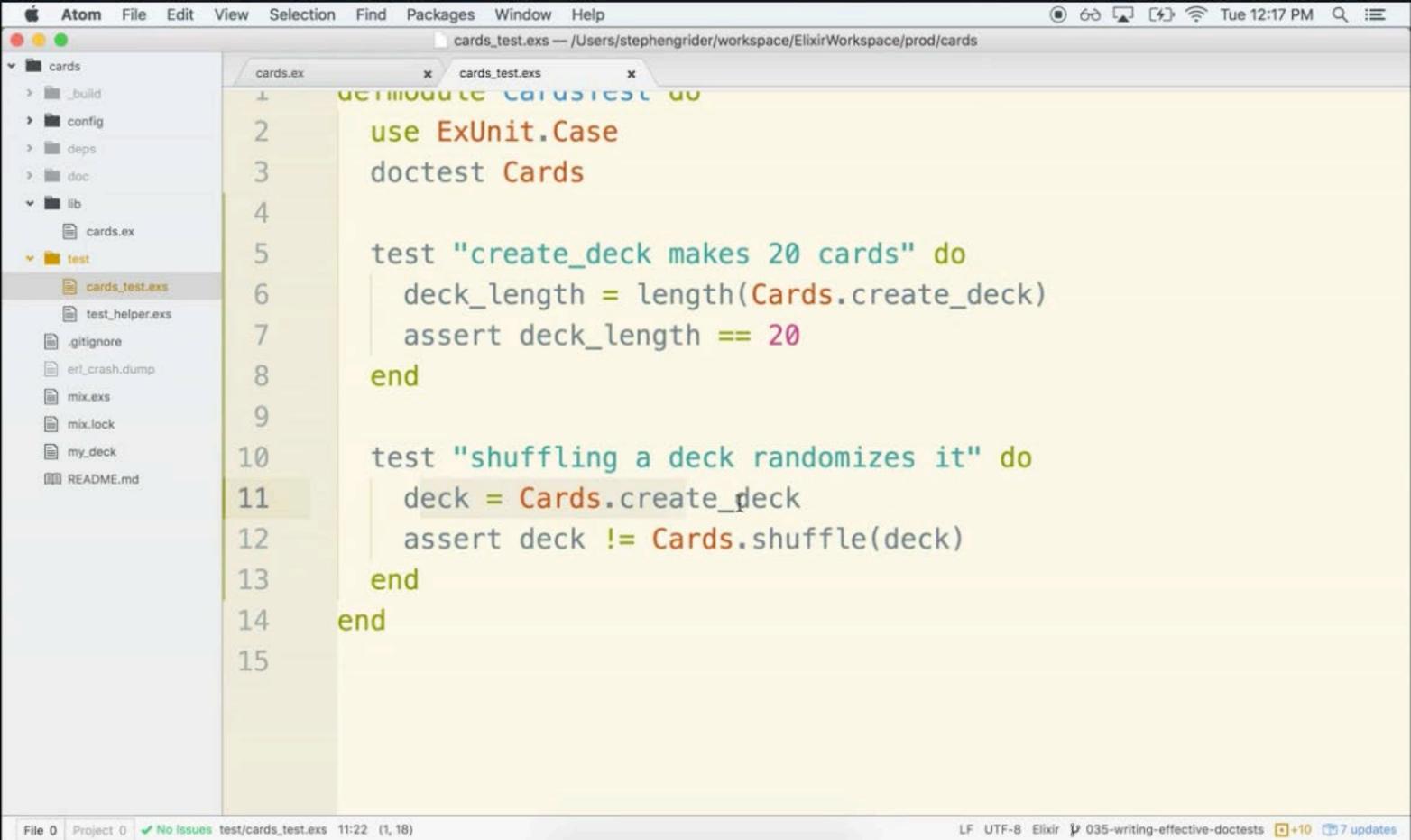
stacktrace:

test/cards_test.exs:7: (test)

Finished in 0.09 seconds 3 tests, 1 failure

Randomized with seed 242578

→ cards git:(035-writing-effective-doctests) x



Finished in 0.09 seconds

3 tests, 1 failure

Randomized with seed 242578

cards git:(035-writing-effective-doctests) x mix test |warning: variable deck is unused

(for doctest at) lib/cards.ex:44

|Finished in 0.1 seconds

4 tests, 0 failures

Randomized with seed 918666

cards git:(035-writing-effective-doctests) x

