

⑥ 60 60 50 7 Thu 2:07 PM Q :=

1. iex -S mix (beam.smp)

iex (beam.smp)

..ce/prod/cards (zsh)

iex(23)> deck = Cards.create_deck

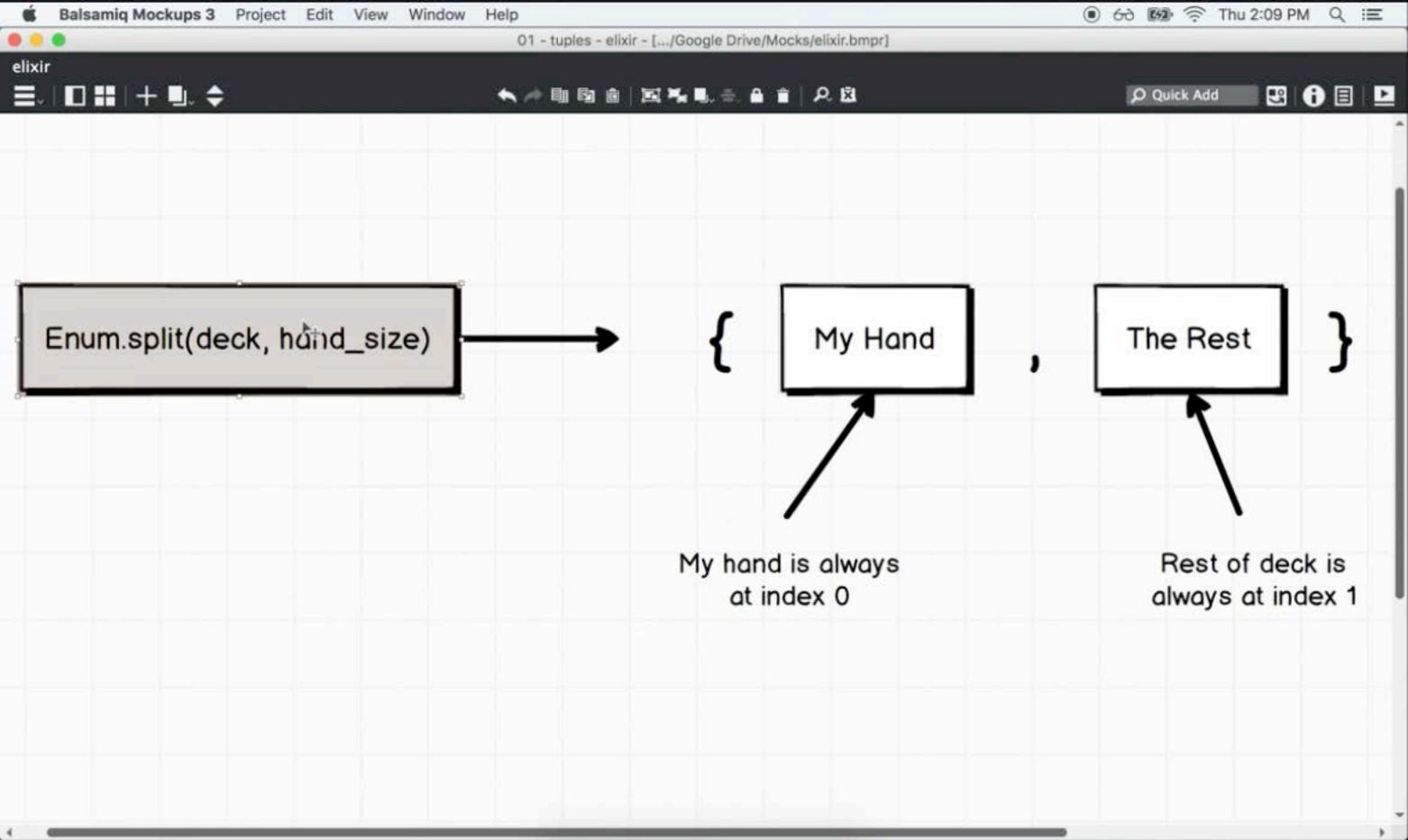
iex (beam.smp) ..ce/prod/cards (zsh) "Three of Hearts", "Four of Hearts", "Five of Hearts", "Ace of Diamonds", "Two of Diamonds", "Three of Diamonds", "Four of Diamonds", "Five of Diamonds"] iex(24)> Cards.deal(deck, 4) {["Ace of Spades", "Two of Spades", "Three of Spades", "Four of Spades"], ["Five 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(25)>

"Four of Diamonds", "Five of Diamonds"]} iex(25) > Cards.deal(deck, 4)[0]

** (FunctionClauseError) no function clause matching in A ccess.fetch/2

(elixir) lib/access.ex:147: Access.fetch({["Ace of Sp ades", "Two of Spades", "Three of Spades", "Four of Spade s"], ["Five of Spades", "Ace of Clubs", "Two of Clubs", Three of Clubs", "Four of Clubs", "Five of Clubs", "Ace o f Hearts", "Two of Hearts", "Three of Hearts", "Four of H earts", "Five of Hearts", "Ace of Diamonds", "Two of Diam onds", "Three of Diamonds", "Four of Diamonds", "Five of Diamonds"]}, 0)

(elixir) lib/access.ex:179: Access.get/3



⑥ 60 100 〒 Thu 2:10 PM Q :=

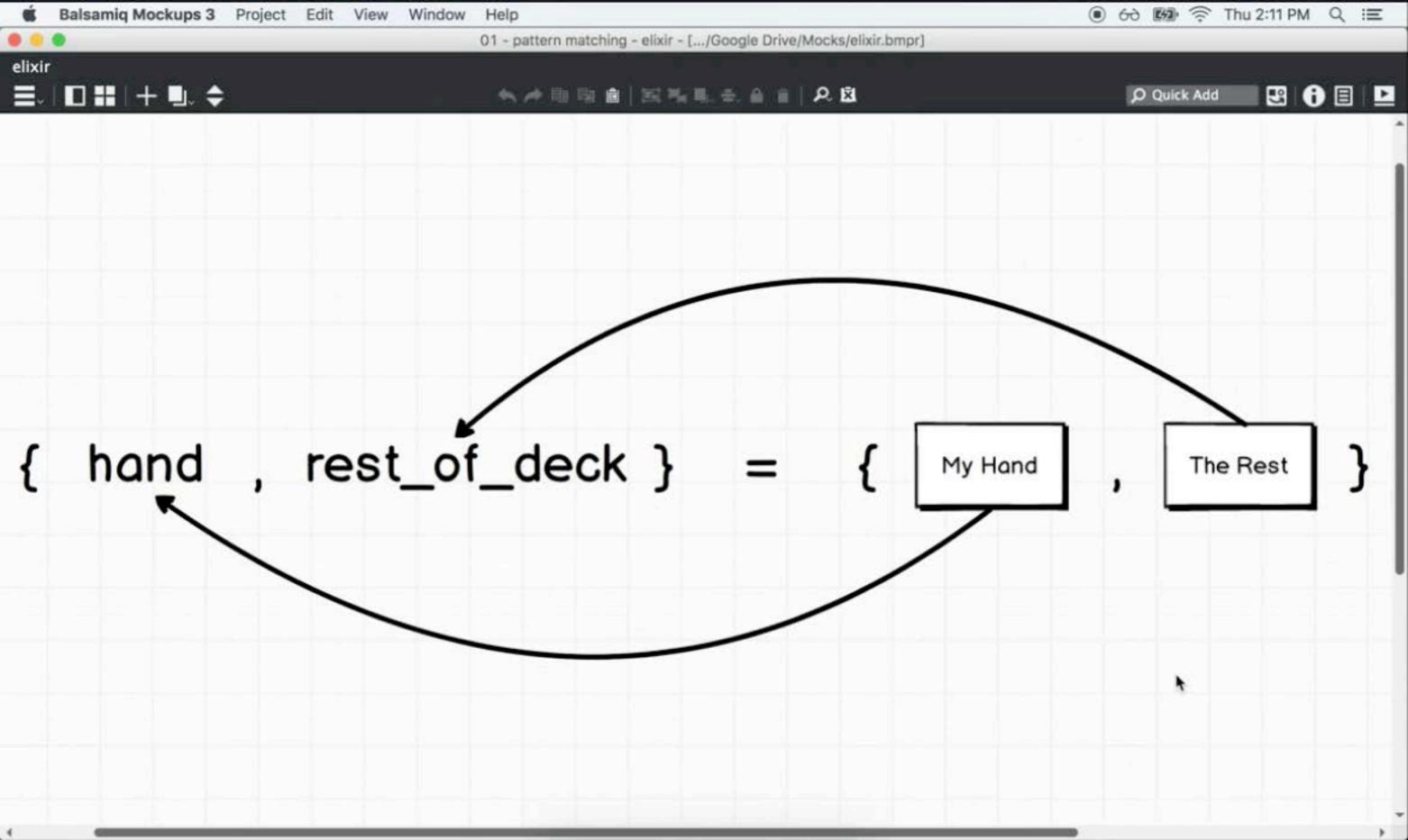
```
    iex -S mix (beam.smp)

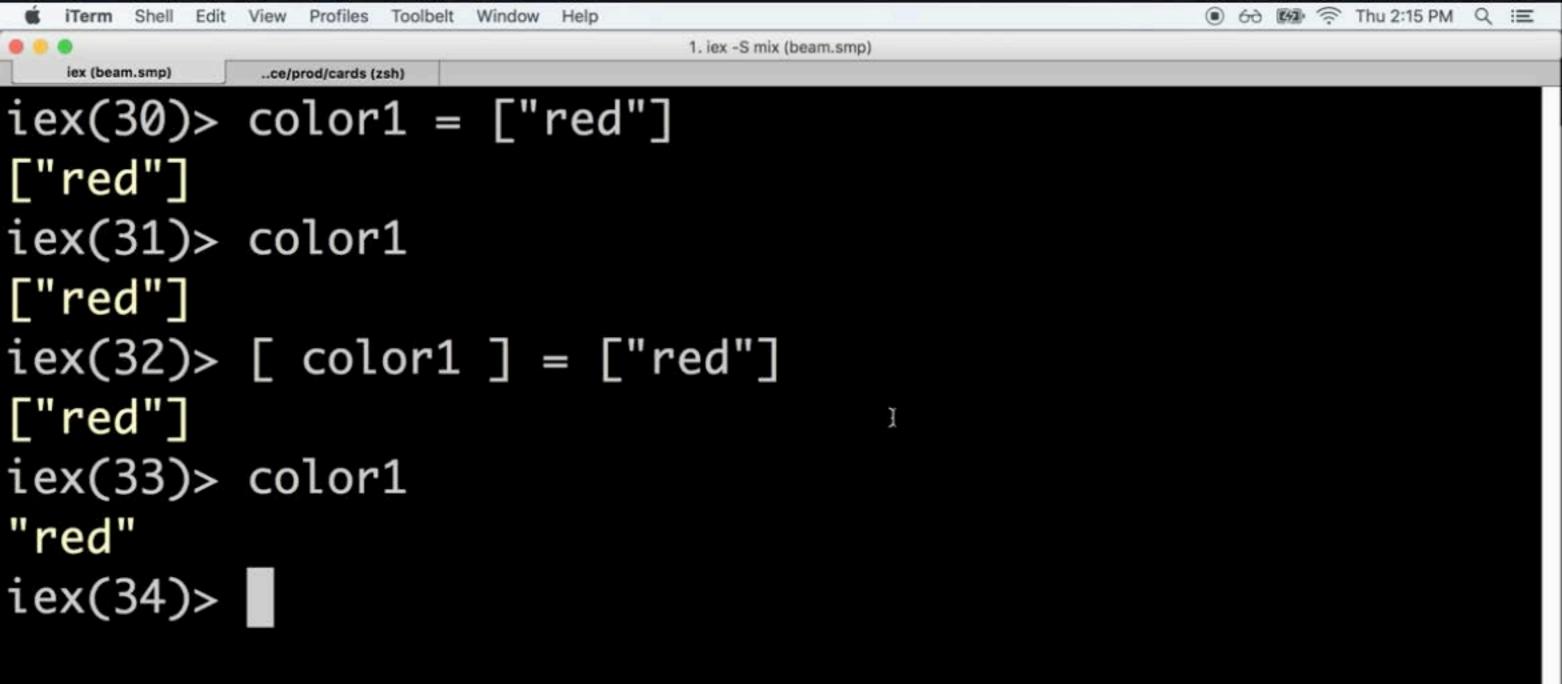
  iex (beam.smp)
          ..ce/prod/cards (zsh)
"Ace of Diamonds", "Two of Diamonds",
"Three of Diamonds", "Four of Diamonds",
"Five of Diamonds"]
iex(27)> { hand, rest_of_deck } = Cards.deal(deck, 5)
{["Ace of Spades", "Two of Spades", "Three of Spades",
 "Four of Spades", "Five of Spades"],
 ["Ace of 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",
```

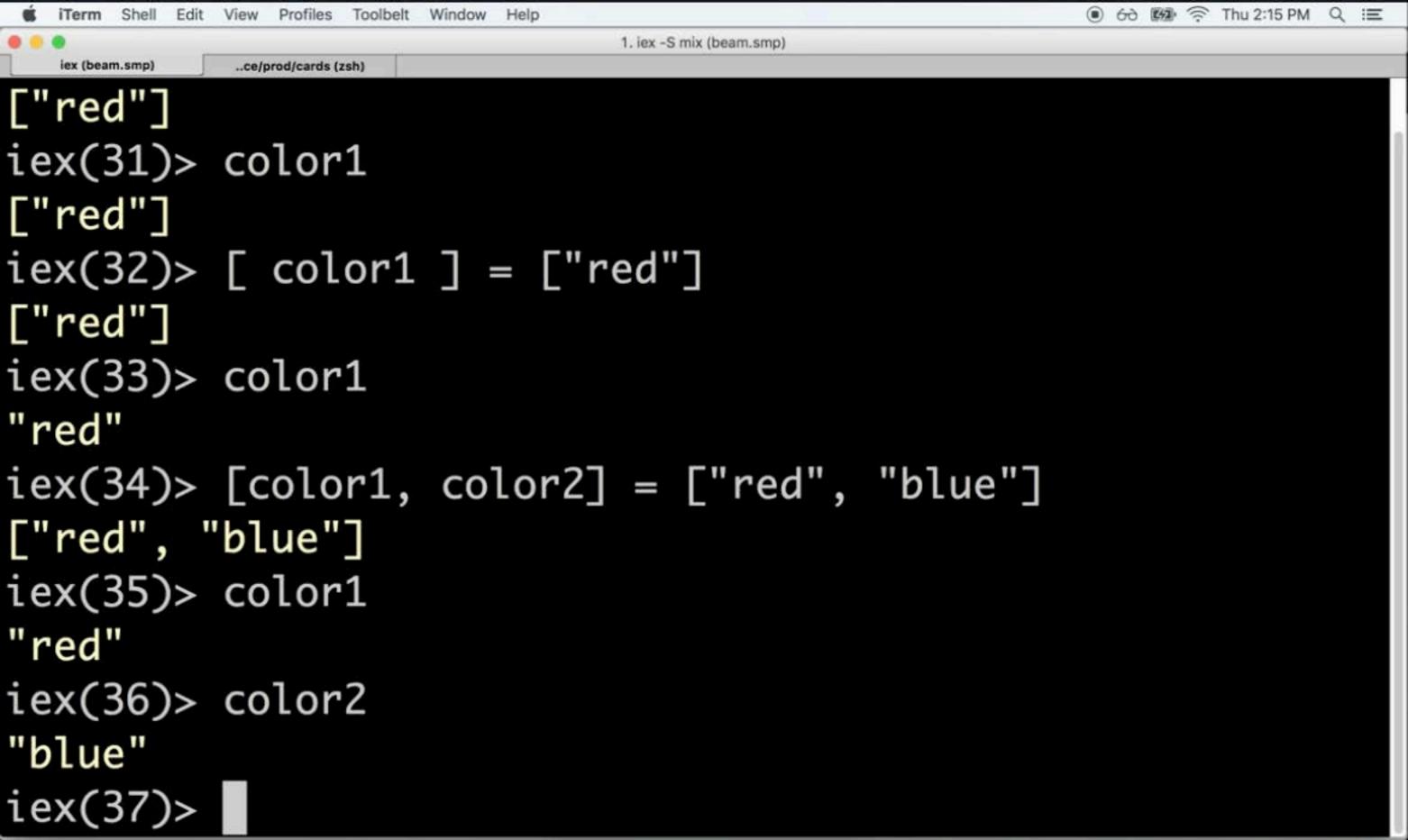
"Three of Diamonds", "Four of Diamonds", "Five of Diamonds"]}
iex(28)> ■

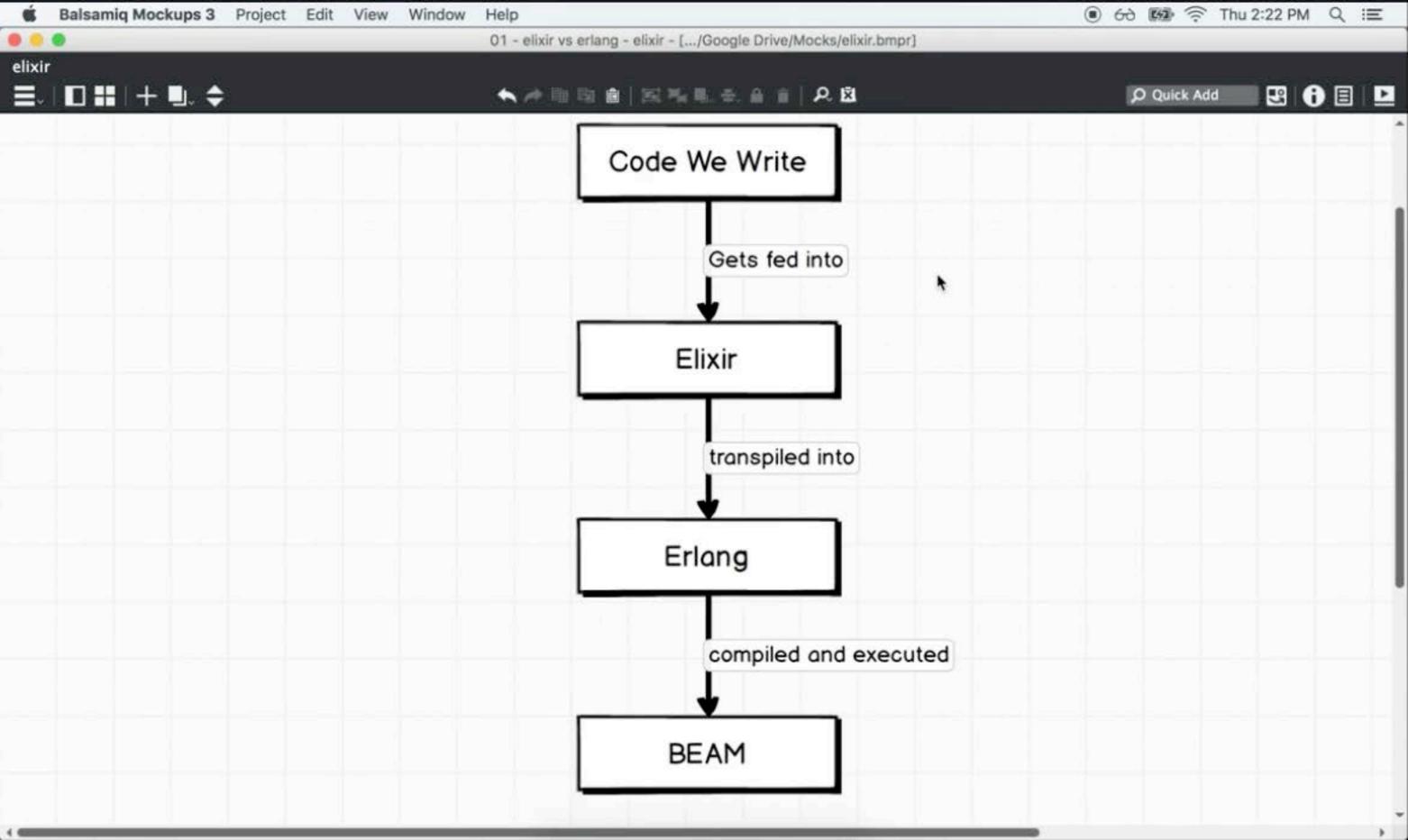
..ce/prod/cards (zsh)

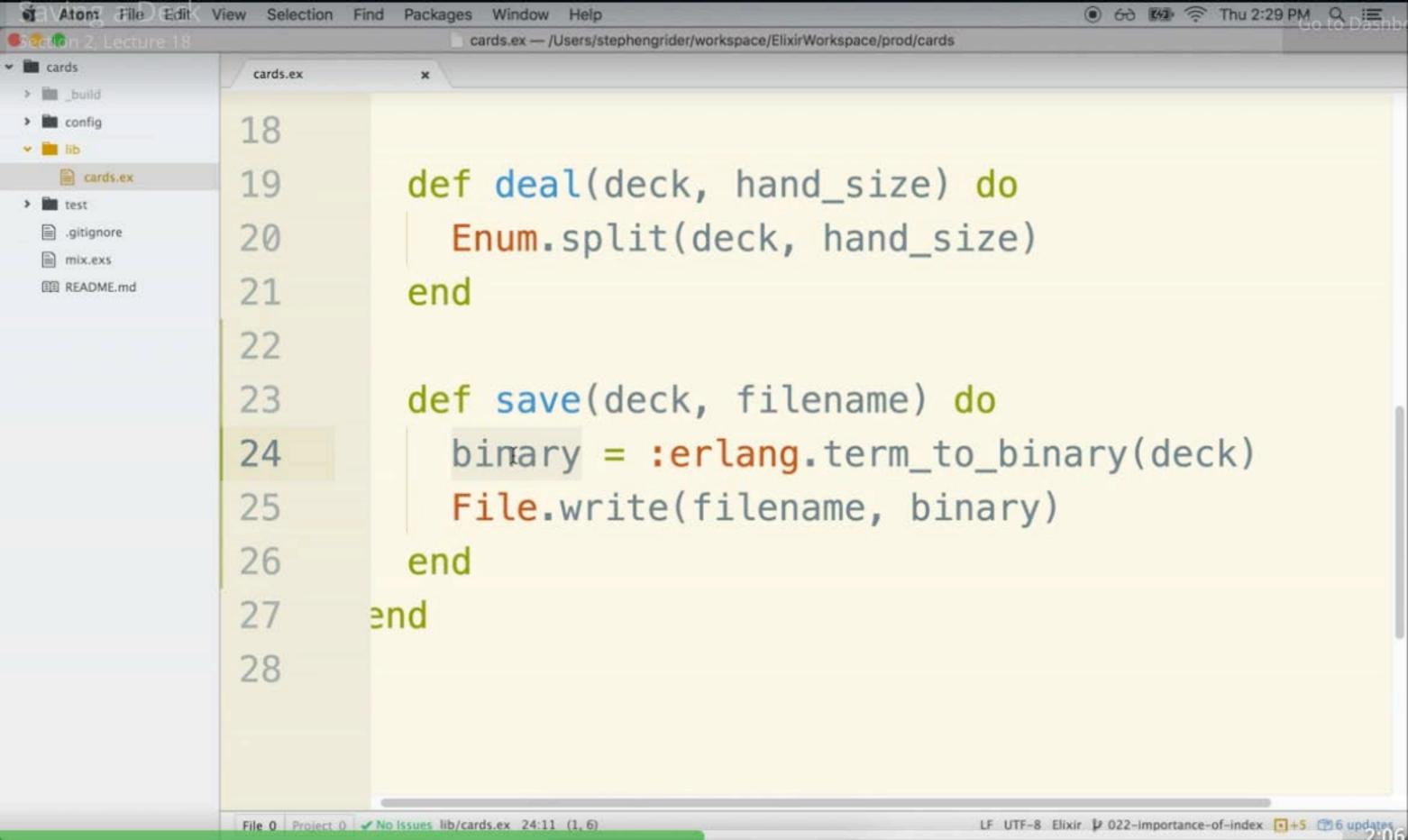
```
"Three of Diamonds", "Four of Diamonds",
 "Five of Diamonds"]}
iex(28) > hand
["Ace of Spades", "Two of Spades", "Three of Spades",
"Four of Spades", "Five of Spades"]
iex(29)> rest_of_deck
["Ace of Clubs", "Two of Clubs", "Three of Clubs",
"Four of Clubs", "Five of Clubs", "Ace of Hearts",
"Two 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(30)>
```











iex (beam.smp) ..ce/prod/cards (zsh) iex(37)> recompile Compiling 1 file (.ex) :ok iex(38)> $deck = Cards.create_deck$ ["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(39)>

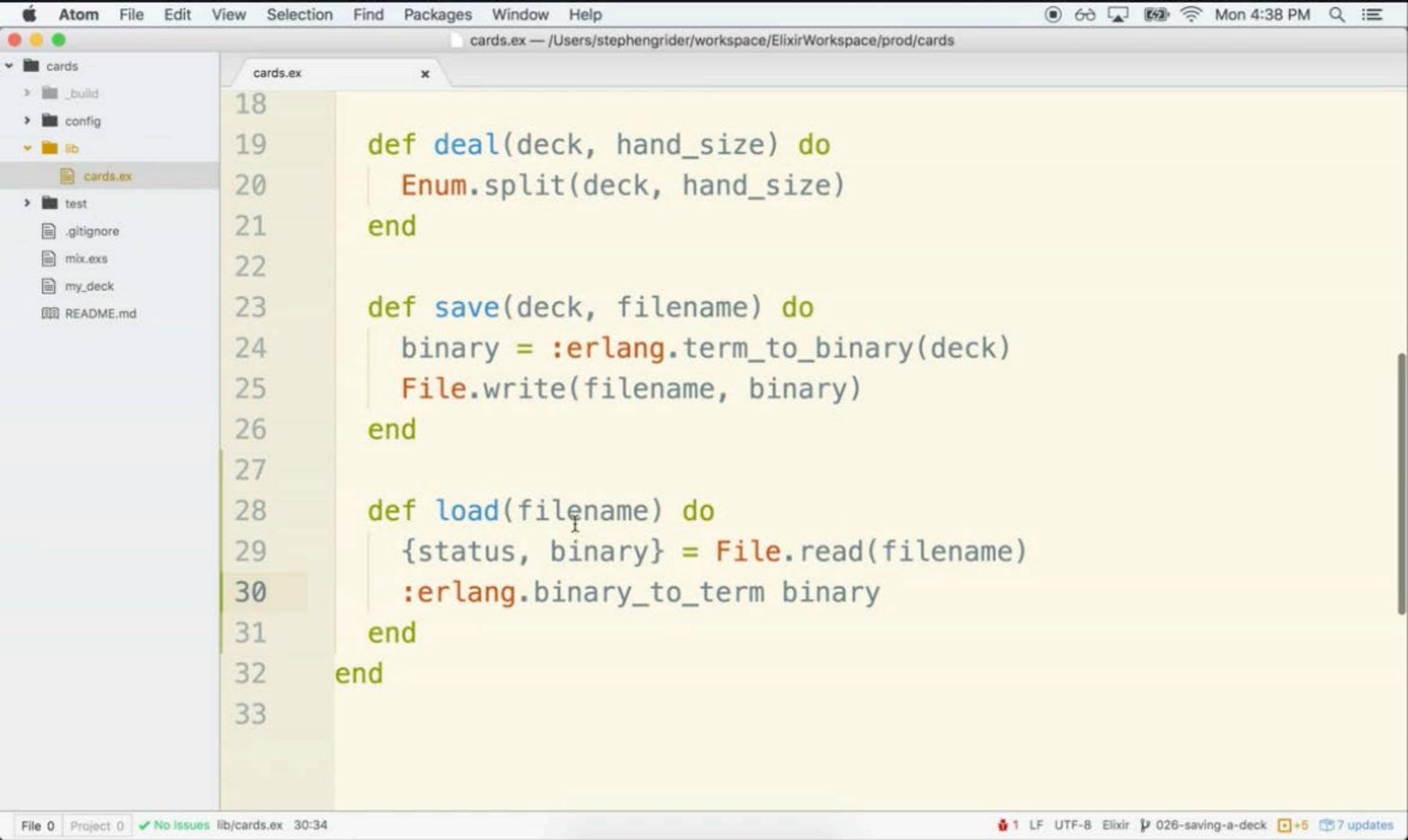
→ cards git:(026-saving-a-deck) x iex -S mix
Erlang/OTP 18 [erts-7.3] [source] [64-bit] [smp:4:4] [async-threads:10] [hipe] [kernel-poll:false] [dtrace]

```
Interactive Elixir (1.3.1) - press Ctrl+C to exit (type h() ENT
ER for help)
iex(1)> File.read("my_deck")
{:ok,
<<131, 108, 0, 0, 0, 20, 109, 0, 0, 0, 13, 65, 99, 101, 32,
   111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 13,
  84, 119, 111, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115,
   109, 0, 0, 0, 15, 84, 104, ...>>}
iex(2)>
```

```
Interactive Elixir (1.3.1) - press Ctrl+C to exit (type h() ENT
ER for help)
iex(1)> File.read("my_deck")
{:ok,
<<131, 108, 0, 0, 0, 20, 109, 0, 0, 0, 13, 65, 99, 101, 32,
  111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 13,
  84, 119, 111, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115,
   109, 0, 0, 0, 15, 84, 104, ...>>}
iex(2)> {status, binary} = File.read("my_deck")
{:ok,
<<131, 108, 0, 0, 0, 20, 109, 0, 0, 0, 13, 65, 99, 101, 32,
   111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 13,
   84, 119, 111, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115,
   109, 0, 0, 0, 15, 84, 104, ...>>}
iex(3)> st
```

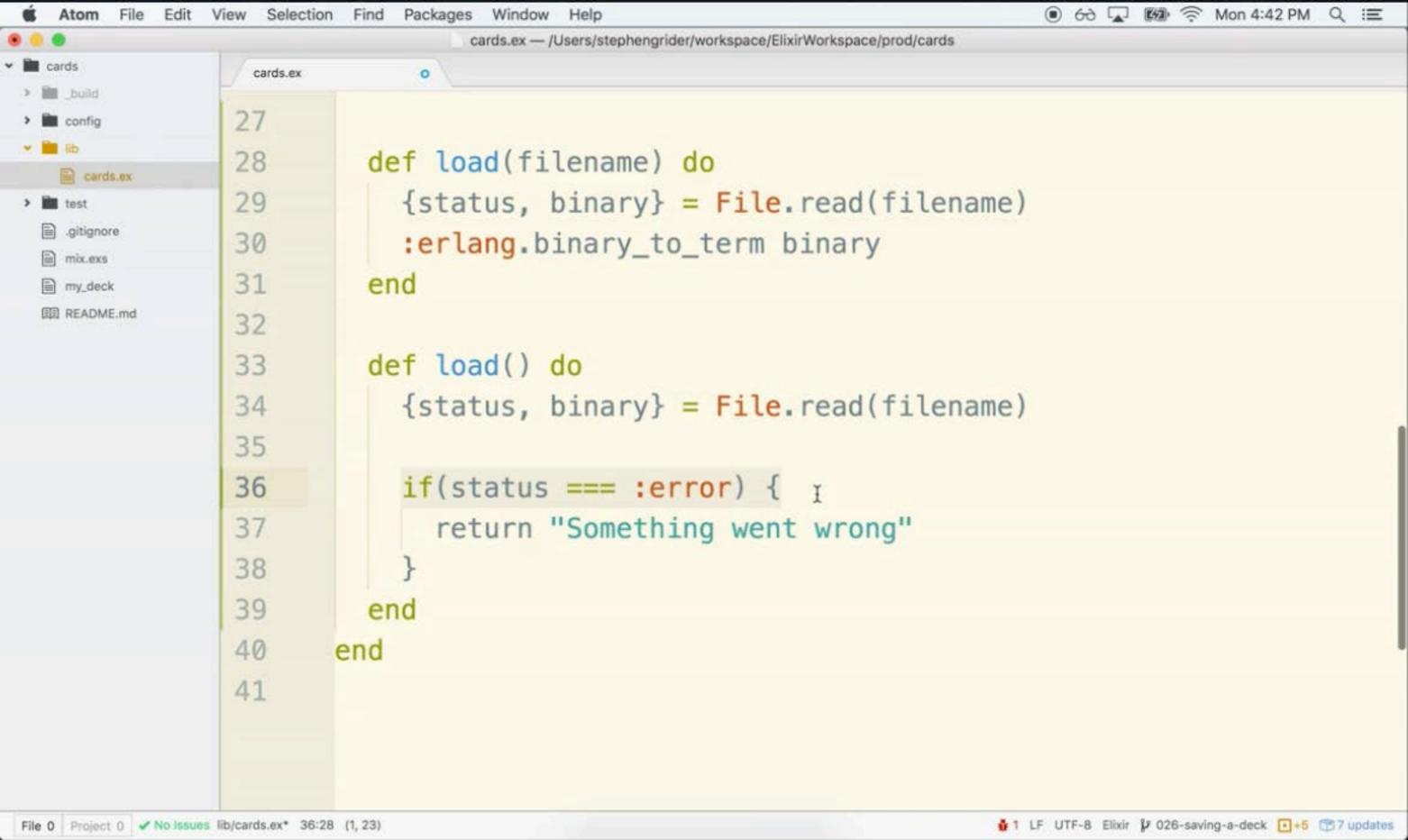
iTerm2 Shell Edit View Profiles Toolbelt Window Help 1. iex -S mix (beam.smp) 109, 0, 0, 0, 15, 84, 104, ...>>} iex(2)> {status, binary} = File.read("my_deck") {:ok, <<131, 108, 0, 0, 0, 20, 109, 0, 0, 0, 13, 65, 99, 101, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 13, 84, 119, 111, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 15, 84, 104, ...>>} iex(3)> status:ok iex(4) > binary<<131, 108, 0, 0, 0, 20, 109, 0, 0, 0, 13, 65, 99, 101, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 13, 84, 119, 111, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 15, 84, 104, 114, ...>> iex(5)>

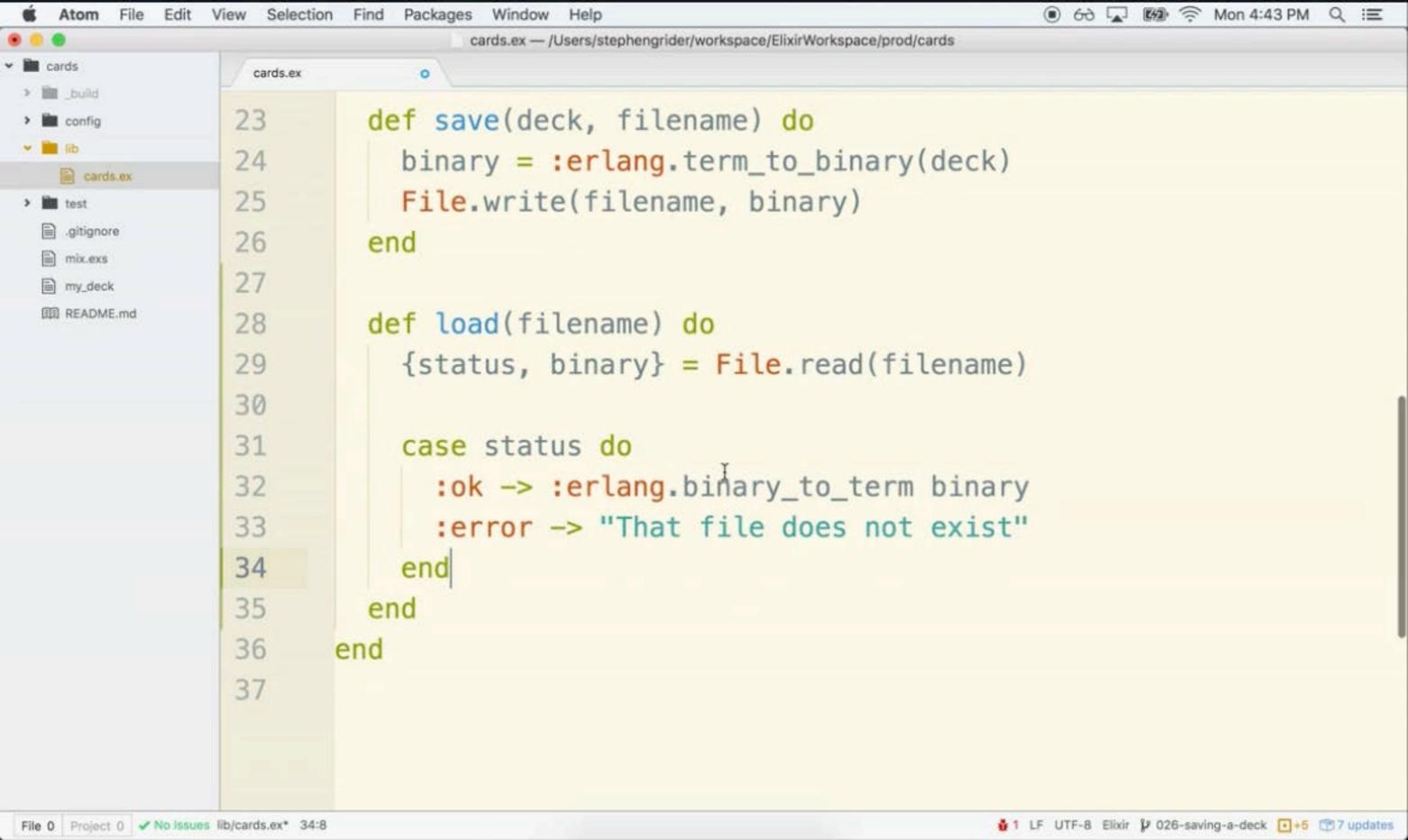
:ok iex(4)> binary<<131, 108, 0, 0, 0, 20, 109, 0, 0, 0, 13, 65, 99, 101, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 13, 84, 119, 111, 32, 111, 102, 32, 83, 112, 97, 100, 101, 115, 109, 0, 0, 0, 15, 84, 104, 114, ...>> iex(5)> :erlang.binary_to_term(binary) ["Ace of Spades", "Two of 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(6)>



```
"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(6)> recompile
:noop
iex(7)> Cards.load("my_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(8)>
```

```
iex(6)> recompile
:noop
iex(7)> Cards.load("my_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(8)> Cards.load("my_deckasdfghjkqwertyuiosdfghjk")
** (ArgumentError) argument error
            :erlang.binary_to_term(:enoent)
    (cards) lib/cards.ex:30: Cards.load/1
iex(8)>
```

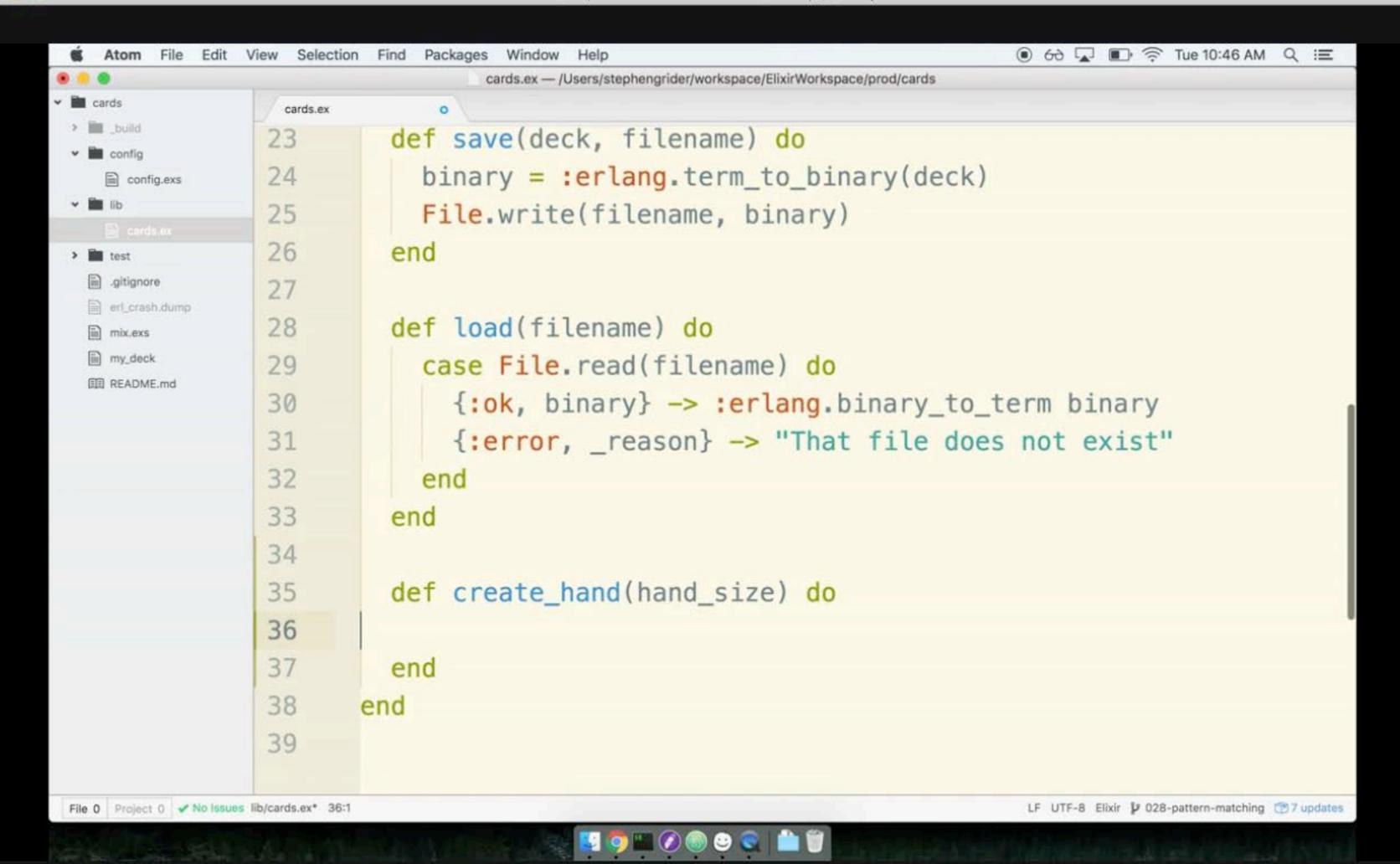


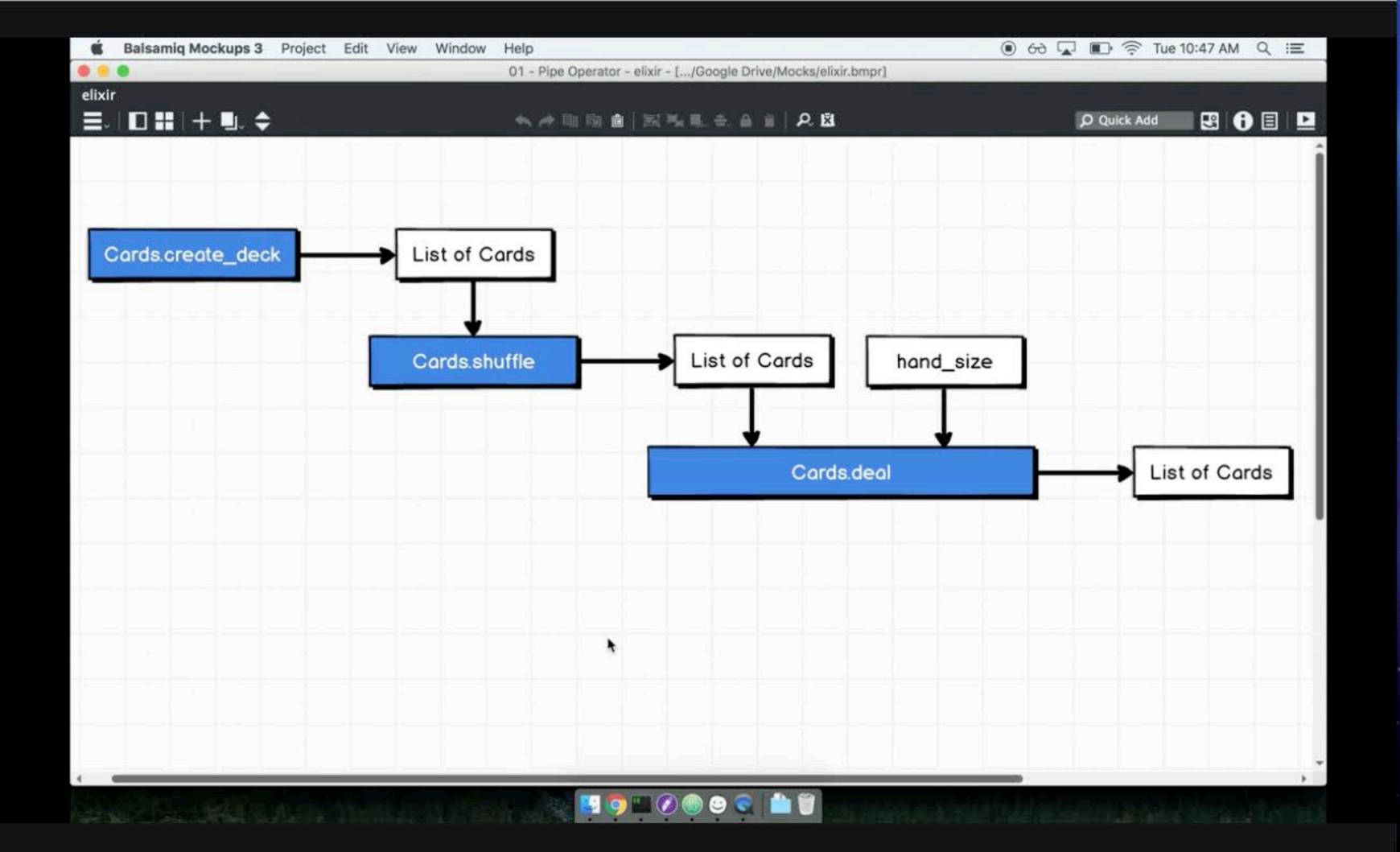


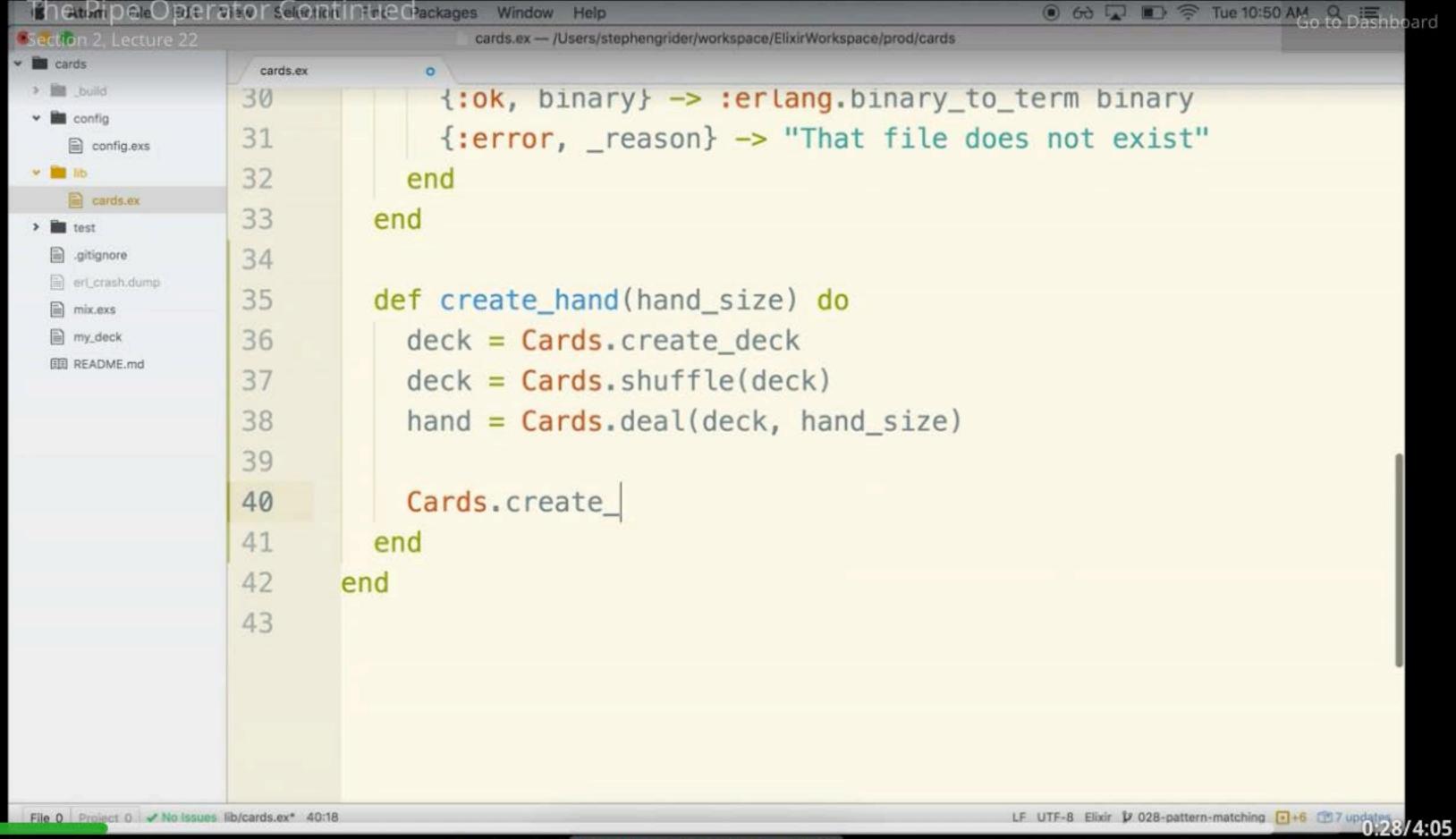
```
iex(11)>
```

```
^C<mark>%</mark>
```

- → cards git:(026-saving-a-deck) x
- → cards git:(026-saving-a-deck) x
- → cards git:(026-saving-a-deck) x iex -S mix
- Erlang/OTP 18 [erts-7.3] [source] [64-bit] [smp:4:4] [async-thr
 eads:10] [hipe] [kernel-poll:false] [dtrace]
- Interactive Elixir (1.3.1) press Ctrl+C to exit (type h() ENT ER for help)
- iex(1)> Cards.load("asldkfjalksdfj")
- "That file does not exist"
- iex(2)>







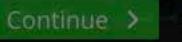
















Tue 10:52 AMG to Dashboard

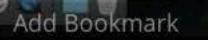
Tue 10:52 AMG to Dashboard TENERID DE DE L'ETE OF SELECTRIT INTULE CPackages Window Help Section 2, Lecture 22 cards.ex — /Users/stephengrider/workspace/ElixirWorkspace/prod/cards a cards cards.ex > build {:ok, binary} -> :erlang.binary_to_term binary 30 {:error, _reason} -> "That file does not exist" 31 a config.exs v iii lib 32 end ards.ex 33 end .gitignore 34 erl_crash,dump 35 def create_hand(hand_size) do mix.exs my_deck 36 Cards.create_deck III README.md 37 > Cards.shuffle |> Cards.deal(band_size) 38 39 end 40 end 41 LF UTF-8 Elixir \$ 028-pattern-matching +6 7 updates 5/4:05 File 0 Project 0 V No Issues lib/cards.ex 38:13

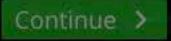






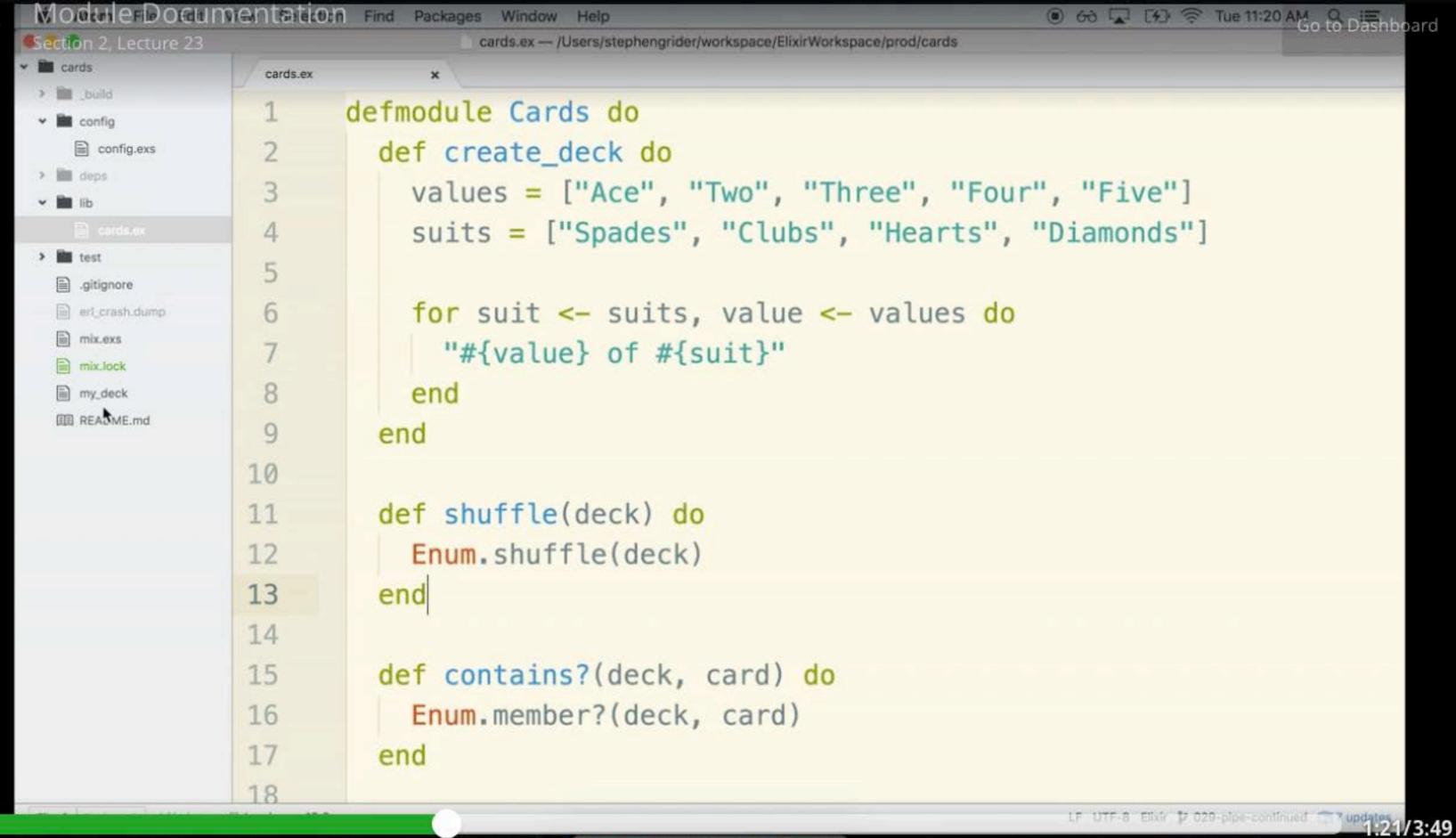


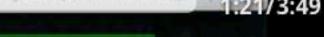


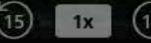






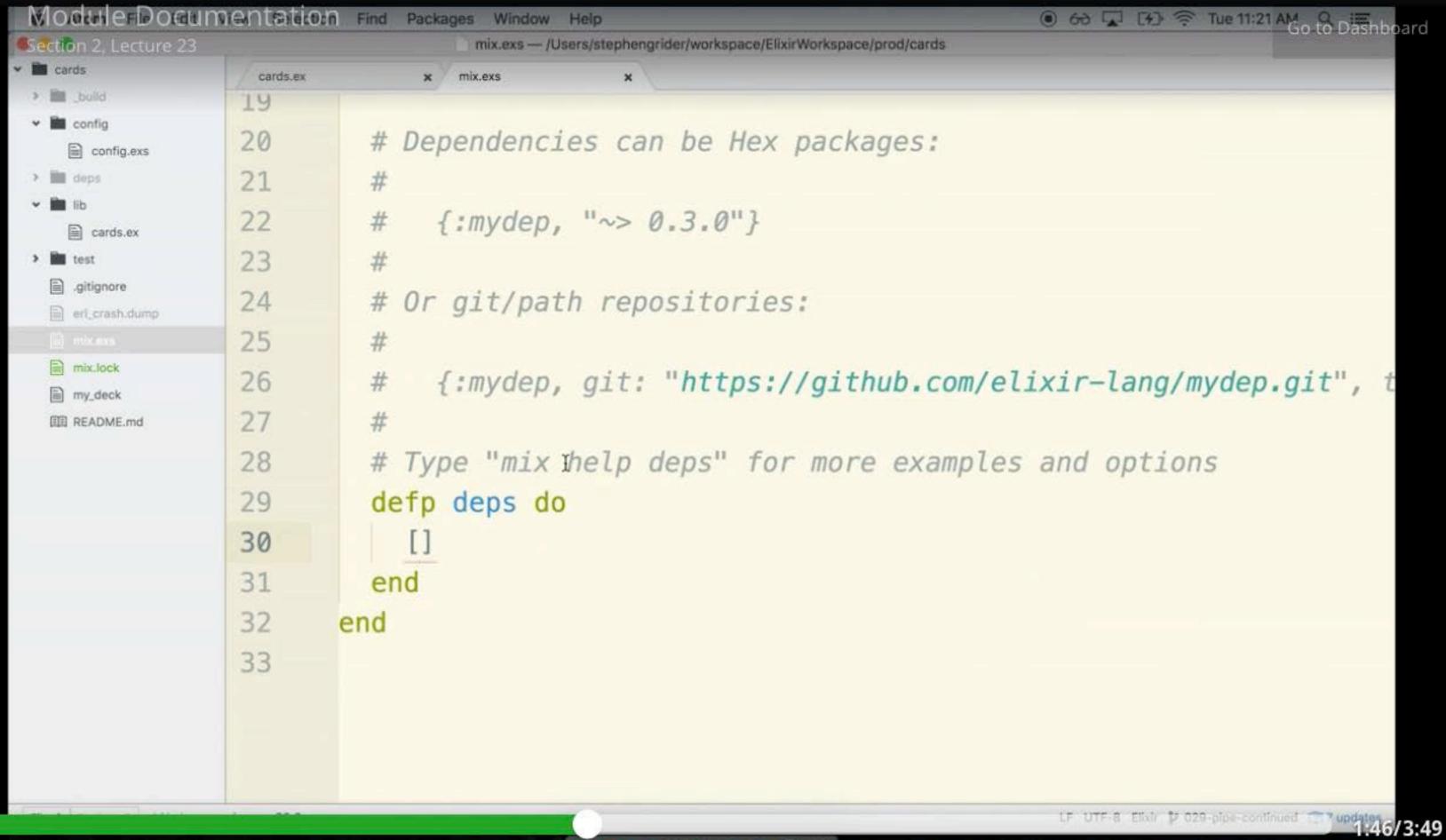








```
mix.exs — /Users/stephengrider/workspace/ElixirWorkspace/prod/cards
Section 2, Lecture 23
                   cards.ex
                                  mix.exs
 build
                         defmodule Cards.Mixfile do
config
                           use Mix Project
   config.exs
> deps
                           def project do
   a cards.ex
                               [app: :cards,
  gitignore.
                               version: "0.1.0",
  ert_crash.dump
                               elixir: "~> 1.3",
                               build_embedded: Mix.env == :prod,
  my_deck
  III README.md
                                start_permanent: Mix.env == :prod,
                               deps: deps()]
                 10
                 11
                           end
                 12
                 13
                           # Configuration for the OTP application
                 14
                           #
                 15
                           # Type "mix help compile app" for more information
                 16
                           def application do
                 17
                               [applications: [:logger]]
                 18
                           end
                                                                                   LF UTF-8 Elixir 1 029-pipe-continued upd 127/3:49
```













Continue >

→ cards git:(029-pipe-continued) x mix deps.get

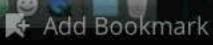
2:54/3:49











(hex) lib/hex/version.ex:23: anonymous fn/3 in Hex.Ve/ rsion.match?/3

(hex) lib/hex/version.ex:98: Hex.Version.cache/2

(hex) lib/hex/remote_converger.ex:228: anonymous fn/2

in Hex.RemoteConverger.prepare_locked/3

(elixir) lib/enum.ex:807: anonymous, fn/4 in Enum.filt er_map/3

(elixir) lib/enum.ex:1623: Enum."-reduce/3-lists^fold 1/2-0-"/3

(elixir) lib/enum.ex:807: Enum.filter_map/3

(hex) lib/hex/remote_converger.ex:223: Hex.RemoteConverger.prepare_locked/3

→ cards git:(029-pipe-continued) x



