

T1A3 Ruby App

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What is it?

A simple 15 question quiz, where users are asked to identify the author of given tweets – Donald Trump or Kanye West

```
'I have never seen a thin person drinking Diet Coke.'  
Trump  
Correct! Your score is 1
```

Features

- Asks user for name input, uses it throughout quiz.
- Users are presented with a tweet and asked to type who said it.
- If user answers question correctly, **they are told their cumulative score.**
- If user answers question incorrectly, **they are told they got the question wrong.**
- User is presented with score at end, with three options as to how they did:
 - 👏 – if they got more than half the questions right
 - 👍 – if they got more than one but less than half the questions right
 - 😬 – if they got no questions right
- User has options to gamble all points at end – if they get the last question right, their points are doubled. If they get it wrong, they lose everything. Final score is then presented.
- Colour is used to differentiate questions and scores, and to improve UX.

How is code organised?

```
# Question class
class Question
  attr_accessor :prompt, :answer
  def initialize (prompt, answer)
    @prompt = prompt
    @answer = answer
  end
end
```

How is code organised?

```
def question_list

  p1 = "\n'I have never seen a thin person drinking Diet Coke.'"
  p2 = "\n'For anyone that has money they know the first rule is to use other people's money.'"
  p3 = "\n'We want to innovate and we will win some day.'"
```

```
questions = [
  Question.new(p1, "Trump"),
  Question.new(p2, "Kanye"),
  Question.new(p3, "Kanye"),
```

How is code organised?

```
# Runs questions
questions = question_list

def run_quiz (questions)
  pastel = Pastel.new
  answer = ""
  score = 0
  for question in questions
    puts pastel.italic.bold (question.prompt)
    answer = gets.chomp().capitalize
    if answer == question.answer
      score += 1
    puts pastel.green ("Correct! Your score is #{score}")
    else
      puts pastel.red ("Nope! Sorry")
    end
  end
  score
end

score = run_quiz (questions)
```

What Gems are used?



Terminal strings styling with intuitive and clean API.

- Colours, bold and italic are used to improve user experience



A beautiful and powerful interactive command line prompt.

- Users can choose Yes or No at end to gamble their points on last question

What Gems are used?



Hyperlinks in your terminal.

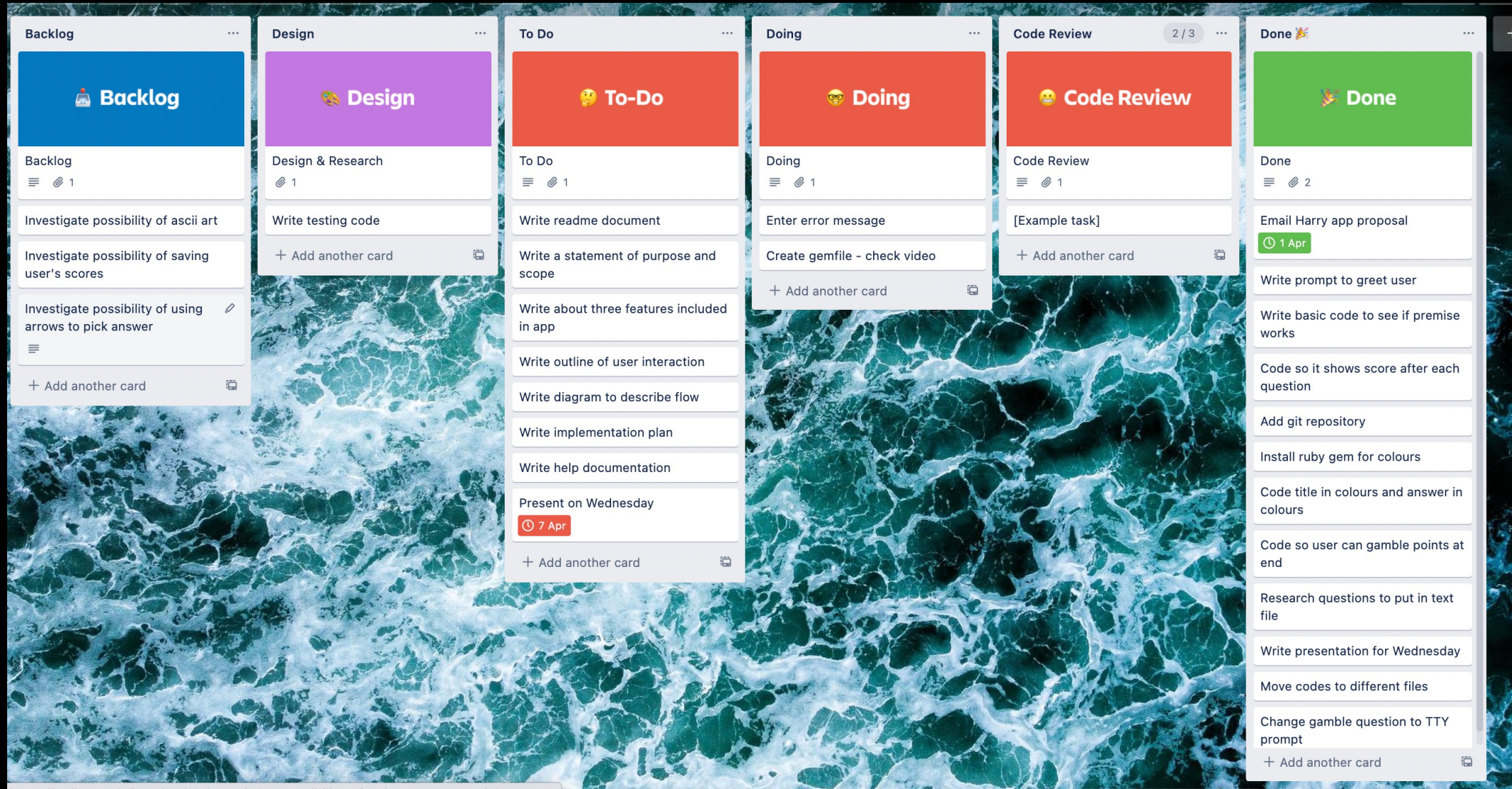
- Provides link to website to give credit for content



Draw various frames and boxes in your terminal interface.

- Increased visibility for instructions, improving UX

How workflow is managed



Other points

- Ethical issues:
 - Idea for quiz came from a CNN quiz, but is attributed to them in the code
 - Trump could get a Twitter account again making last question incorrect
 - As Trump doesn't have an account any more, there is no way to verify answers being correct
- Wishlist items:
 - Display ascii image of Trump or Kanye, depending on who the user entered for answers more often
 - Store user scores
 - Adding audio?
- Most enjoyable part?
 - Working out how to improve the user experience to make the app easy to understand and use

Dragon energy...



Donald J. Trump ✓

@realDonaldTrump

Following



Thank you Kanye, very cool!

KANYE WEST ✓ @kanyewest

You don't have to agree with trump but the mob can't make me not love him. We are both dragon energy. He is my brother. I love everyone. I don't agree with everything anyone does. That's what makes us individuals. And we have the right to independent thought.

3:33 PM - 25 Apr 2018



8.1K



40K



103K

