Introduction to Programming - 42

Day 08

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Summary: *This document is the subject of the day 06 of the introduction to programming piscine.*

Contents

Chapter I

Guidelines

- Corrections will take place in the last hour of the day. Each person will correct another person accoring to the peer-corrections model.

- Questions? Ask the neighbor on your right. Next, ask the neighbor on your left.

- Read the examples carefully. The exercises might require things that are not specified in the subject...

- Your reference manual is called Google / "Read the Manual!" / the Internet / ...

Chapter II

Preamble

"Why Shouldn't I?"

     Why shouldn't I take a chance when DevOps passes by?
Why shouldn't I know of code?
Why wait around when each age has a sage who has sung
That upon this earth code is all that is really worth thinking of?

It must be fun, lots of fun
To be sure when day is done
That the hour is coming when you'll push to prod?
And then you'll push to prod again

All debutantes say it's good
And every star out in far Hollywood
Seems to give it a try
So why shouldn't I?

All debutantes say it's good
And every star out in far Hollywood
Seems to give it a try
So why shouldn't I?

-Frank Sinatra, 1946,

singing about his job

Chapter III

Goals

Ruby is cool but most people get hyped about putting stuff online!

Sinatra is a groovy framework we can use to put Ruby on the web... without getting into too much of a mess.

It's a good project to study, before you go around try'n'a put Ruby on Rails. ;)

Chapter IV

General Instructions

Code an interactive web application using the web framework Sinatra.

You may choose an existing tutorial in Sinatra - there are several that you might find on the Web. Go through that and once you understand how to use Ruby with HTML/CSS, try to put a project of your own into that format.

Hangman or Connect 4 would do just fine!

Chapter V

Mandatory Part

- Your website must change what it displays in response to user input - it should be interactive.

- Your website should include a picture and some interesting colors.

- Your website should be useful or fun.

- Please have your website display text, including instructions in the first view that a user sees when opening it.

Chapter VI
Bonus Part

- Does your code pass the Rubocop standards?

- Did you turn in more than one project?

- Does it show different images for different user actions?