HOW I TAUGHT MYSELF TO CODE

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I went to college and studied Architecture

September 2002

It was fun but

I met my better half

Let's go back to college

first thought

What next?

learning web development online

treehouse™

coursera

udemy

code|cademy

code school

lynda.com

pluralsight

The Pragmatic Studio

edX

LearnStreet

Knp University
PHP Tutorial Screencasts

NODE TUTS

phpacademy

skillcrush

tuts+

GENERAL ASSEMBLY

RAILSCASTS
Ruby on Rails Screencasts

Code School
a Pluralsight company

Make your way down a **Path** and build specific skills, wander through
All Courses, or learn more about Getting Started.

Paths   All Courses

Language Path
Ruby
Master your Ruby skills and increase your Rails street
cred by learning to build dynamic, sustainable
applications for the web.

Language Path
JavaScript
Spend some time with this powerful scripting language
and learn to build lightweight applications with
enhanced user interfaces.

Language Path
HTML/CSS
Learn the fundamentals of design, front-end
development, and crafting user experiences that are
easy on the eyes.

Language Path
iOS
Try your hand at building iOS applications for iPhone
and iPad mobile devices. Learn the basics of iOS
development and bring your app ideas to life.

Language Path
Git
Build a solid foundation in Git, then pair it with
advanced version control skills. Learn how to
collaborate on projects effectively with GitHub.

Language Path
Electives
Learn off the beaten Path and explore how these
courses can enhance your overall
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b technologies in the comfort of your browser with video lessons,
creencasts. We strive to help you learn by doing.

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PATH
HTML/CSS
Learn the fundamentals of design, front-end development, and crafting
user experiences that are easy on the eyes.

Paths > HTML/CSS

Getting Started With HTML and CSS   0/2 Complete
HTML and CSS are the languages you can use to build and style websites. In these courses, you'll le
and CSS, build your first website, and then review some of the current HTML5 and CSS3 best practi

COURSE
Front-end Foundations
Learn how to build a website with HTML and CSS.

COURSE
Front-end Formations
Move past the basics and learn the latest versions of HTML & CS

Intermediate CSS   2/3 Complete
Simple CSS can get you pretty far, but once you start getting serious about front-end development,
to more advanced topics, such as specificity, floating, and responsive design. These courses teach y
for working with CSS and building responsive websites.

COURSE
CSS Cross-Country
Master the fundamentals and core foundations of CSS.

COURSE
Journey Into Mobile
Learn mobile-first, adaptive, and responsive web design.

COURSE
Unmasking HTML Emails
Wrestle with a combination of techniques to create layouts for

LEVEL 1: MORE SASS

PLAY VIDEO   RESTART CHALLENGES

1.1 INDENTED SYNTAX I

The foreman has a newfound efficiency obsession, and has ordered a switch to the indented syntax. Refactor the `.surveyor` declaration to do away with braces and semicolons.

.SASS   **CSS** SLIDES

```
1   .surveyor {
2     border: 1px solid #cccccc;
3     padding: 20px;
4     h2 {
5       font-size: 18px;
6       a {
7         color: green;
8       }
9     }
10  }
11
```

Invalid CSS after "1px solid

SUBMIT CODE

11,227

11,227

38 hours

Track

Android Development

Build apps using Java and Android Studio and learn concepts from the Android SDK.

Resume

51 hours

Track

Web Design

In this track, we'll learn everything necessary to build basic websites. The code of every website is split into three layers: Structural,...

Switch

58 hours

Track

Front End Web Development

Learn to code websites using HTML, CSS, and JavaScript.

Switch

42 hours

Track

Rails Development

Ruby on Rails is a popular web application framework written in the Ruby programming language. By the end of this track, we'll have...

Switch

32 hours

Track

iOS Development with Objective-C

Build iOS apps using a language called Objective-C and a development tool called Xcode.

Switch

31 hours

Track

PHP Development

PHP is a back-end programming language that allows us to create dynamic web sites. By the end of this track, you'll be able to create a...

Switch

21 hours

Track

WordPress Development

Switch

6 hours

Track

Starting a Business

...riety of interdisciplinary skills. In ...software business and learn...

Switch

PHP Development

4

PHP Basics 0/5

PHP Functions 3/3

Object-Oriented PHP Basics 3/3

Building Websites with PHP 0/3

Database Foundations 8/8

PHP & Databases with PDO 0/3

Console Foundations 5/5

Git Basics 1/6

Course

Enhancing a Simple PHP Application

This project will take the existing e-commerce store we built earlier and enhance it with new techniques using the PHP programming language. By the end, you'll be able to build an online t-shirt store with clean web addresses, basic search functionality, pagination, and more. You'll also understand programming concepts like refactoring and separation of concerns.

PHP   Intermediate

PHP

721 �_____ 663 ◔

8 Achievements

Instructor
Randy Hoyt

⬡ Integrating Validation Errors

Our contact form currently checks that the information submitted by visitors to our site is valid, but we need to improve how validation errors get displayed. We'll enhance the flow of our code that handles form submissions, displaying error messages within the context of the form and carefully avoiding a common security vulnerability by escaping our output.

Download videos

Download all the videos from this collection using iTunes. Continue watching videos even when an internet connection is unavailable.

⌄ 9 of 9 Steps Complete

Requires **Apple iTunes**.

iTunes Feed

⬡ Cleaning URLs with Subfolders

The web addresses in our store have various technical pieces in them, like a .php file extension. Cleaning up the web addresses can help optimize them for search engines, make them easier to remember or to guess, and make them more likely to endure the same over time. We'll cover a number of concepts as we remove the extension, including subfolders, constants, and absolute and root-relative paths.

⌄ 8 of 8 Steps Complete

⬡ Cleaning URLs with Rewrite Rules

The web addresses in our store have various technical pieces in them, like question marks with variables after them. Cleaning up the web addresses can help optimize them for search engines, make them easier to remember or to guess, and make them more likely to endure the same over time. We'll cover a number of concepts as we remove these pieces, including rewrite rules and htaccess files.
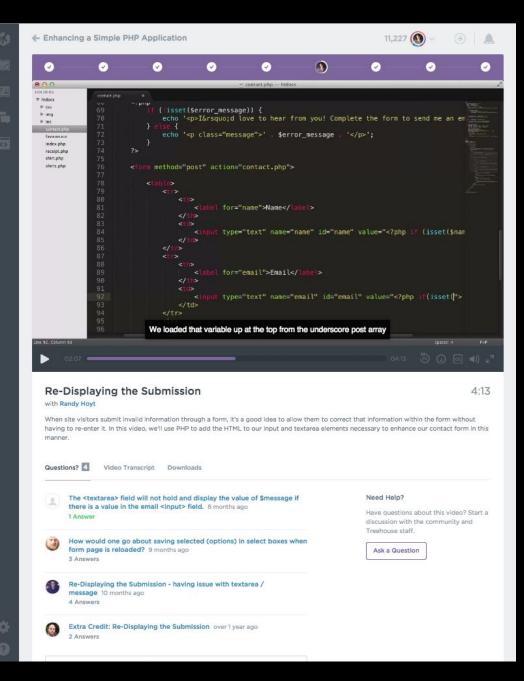
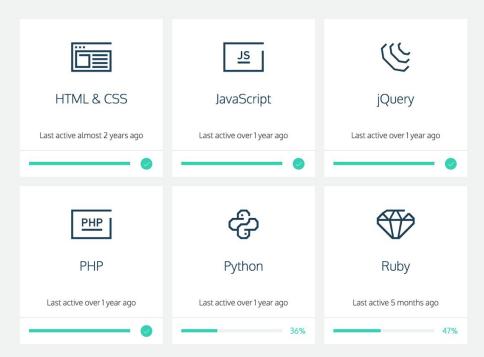⌄ 9 of 9 Steps Complete

⬡ Refactoring the Codebase

Refactoring is the process of improving your code's structure to make it easier to understand, maintain, and extend over time. We'll re-organize the code we've written so far to follow some good practices around separation of concerns. We'll discuss topics like automated

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```
69        if (!isset($error_message)) {
70            echo '<p>I&rsquo;d love to hear from you! Complete the form to send me an em
71        } else {
72            echo '<p class="message">' . $error_message . '</p>';
73        }
74    ?>
75
76    <form method="post" action="contact.php">
77
78        <table>
79            <tr>
80                <th>
81                    <label for="name">Name</label>
82                </th>
83                <td>
84                    <input type="text" name="name" id="name" value="<?php if (isset($nam
85                </td>
86            </tr>
87            <tr>
88                <th>
89                    <label for="email">Email</label>
90                </th>
91                <td>
92                    <input type="text" name="email" id="email" value="<?php if(isset(|">
93                </td>
94            </tr>
95
96
```

Line 92, Column 93   Spaces: 4   PHP

We loaded that variable up at the top from the underscore post array

▶ 02:07 ———————————————————————————————— 04:13

Re-Displaying the Submission   4:13

with **Randy Hoyt**

When site visitors submit invalid information through a form, it's a good idea to allow them to correct that information within the form without having to re-enter it. In this video, we'll use PHP to add the HTML to our input and textarea elements necessary to enhance our contact form in this manner.

Questions? 4   Video Transcript   Downloads

The <textarea> field will not hold and display the value of $message if there is a value in the email <input> field. 8 months ago
1 Answer

How would one go about saving selected (options) in select boxes when form page is reloaded? 9 months ago
3 Answers

Re-Displaying the Submission - having issue with textarea / message 10 months ago
4 Answers

Extra Credit: Re-Displaying the Submission over 1 year ago
2 Answers

Need Help?

Have questions about this video? Start a discussion with the community and Treehouse staff.

Ask a Question

Language Skills

Learn core programming concepts and syntax for the world's most popular languages.

HTML & CSS
Last active almost 2 years ago

JavaScript
Last active over 1 year ago

jQuery
Last active over 1 year ago

PHP
Last active over 1 year ago

Python
Last active over 1 year ago

36%

Ruby
Last active 5 months ago

47%

Goals

Get started with coding with these 30 minute goals.

Animate Your Name
Create an animation of your name

About You
Make a website all about you

Sun, Earth, and Code
Build your own galaxy

APIs

Learn how to use popular APIs to make your own applications.

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code|cademy

PHP

Learn to program in PHP, a widespread language that powers sites like Facebook.

FINISHED (100%)

900k+
enrolled students

4 Hours
estimated course time

Beginner
required technical leve

WELCOME TO PHP!

Introduction to PHP
This tutorial will introduce you to PHP, a server-side scripting language you can use to make dynamic websites and web applications.

CONTROL FLOW: IF/ELSE

Conditionals and Control Flow
Control flow is how a program decides to perform one action instead of another. In PHP, we can use 'if' and 'else' to do this!
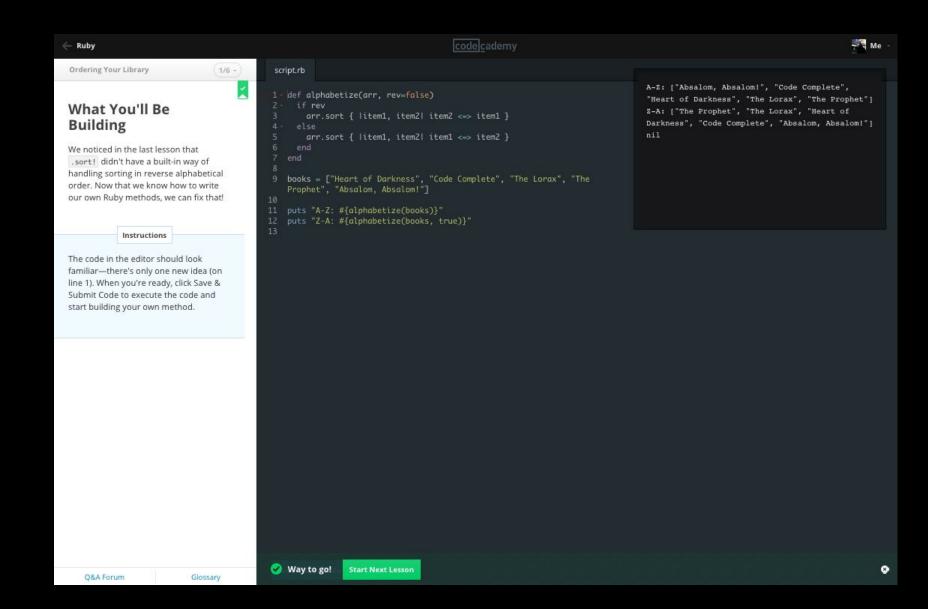
CONTROL FLOW: SWITCH

Control Flow: Switch
The switch statement lets you perform more complex control flow operations without using an endless chain of 'if's and 'else's.
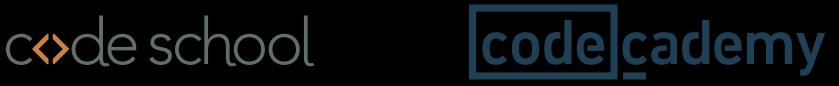
ARRAYS IN PHP

Arrays
Arrays allow you to store lists of information in a single variable.

Ordering Your Library

What You'll Be Building

We noticed in the last lesson that `.sort!` didn't have a built-in way of handling sorting in reverse alphabetical order. Now that we know how to write our own Ruby methods, we can fix that!

Instructions

The code in the editor should look familiar—there's only one new idea (on line 1). When you're ready, click Save & Submit Code to execute the code and start building your own method.

script.rb

```ruby
def alphabetize(arr, rev=false)
  if rev
    arr.sort { |item1, item2| item2 <=> item1 }
  else
    arr.sort { |item1, item2| item1 <=> item2 }
  end
end

books = ["Heart of Darkness", "Code Complete", "The Lorax", "The Prophet", "Absalom, Absalom!"]

puts "A-Z: #{alphabetize(books)}"
puts "Z-A: #{alphabetize(books, true)}"
```

```
A-Z: ["Absalom, Absalom!", "Code Complete", "Heart of Darkness", "The Lorax", "The Prophet"]
Z-A: ["The Prophet", "The Lorax", "Heart of Darkness", "Code Complete", "Absalom, Absalom!"]
nil
```

✓ Way to go!   **Start Next Lesson**

Q&A Forum   Glossary

Codecademy codecademy.com

treehouse™

code school

code cademy

Online Resources
awesome discovery

So, that is it?

extra tips

Look for a partner

someone to talk to

Watch Tech Talks

keeps motivation up

Start a pet project
"what" is not important

¡Bienvenido a CNP Quiz!

Vestibulum semper scelerisque leo id viverra.
Praesent et felis metus. Pellentesque tincidunt tellus non convallis pellentesque.

INDICE DE TEMAS

Si lo prefieres puedes ver también otras opciones disponibles.

Tema 01

El derecho: Concepto y acepciones. Las normas jurídicas positivas: Concepto, estructura, clases y caracteres. El principio de jerarquía normativa. La persona en sentido jurídico: Concepto y clases; su nacimiento y extinción; capacidad jurídica y capacidad de obrar. Adquisición, conservación y pérdida de la nacionalidad española. El domicilio. La vecindad civil.

Tema 02

Constitución Española (I): Estructura y caracteres de la Constitución Española de 1978. Los valores de la Constitución. Los principios del régimen constitucional: Estado democrático, Estado de derecho, Estado social, Monarquía parlamentaria y Estado autonomista. Los derechos y deberes fundamentales establecidos en la Constitución: Especial referencia a los derechos fundamentales y libertades
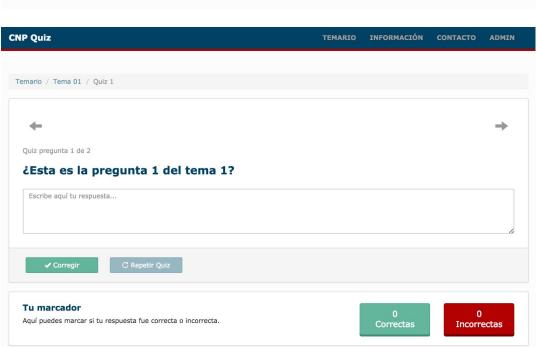
Tema 03

La Constitución Española (II): De la Corona. De las Cortes Generales. Del Gobierno y la Administración. De las relaciones entre el Gobierno y las Cortes Generales. Del Poder Judicial. De la organización territorial del Estado. Del Tribunal Constitucional. De la reforma constitucional.

Tema 04

La Unión Europea: Referencia histórica. El derecho derivado. Instituciones más importantes de la Unión Europea. La cooperación policial internacional.

Tema 05

La organización y funcionamiento de la Administración General del Estado: Principios de organización, funcionamiento y relaciones con los ciudadanos; órganos superiores y órganos directivos en la organización central. El Gobierno: Composición, organización y funciones; el Gobierno en funciones.

Tema 06

Los funcionarios públicos: Concepto y clases. Adquisición y pérdida de la condición de funcionario.

Tema 07

El Ministerio del Interior: Estructura orgánica básica. La Secretaría de Estado de Seguridad: Estructura y funciones.

Tema 08

La Dirección General de la Policía. Estructura orgánica y funciones de los servicios centrales y periféricos del Cuerpo Nacional de Policía. El Cuerpo Nacional de Policía: Funciones, escalas y categorías; sistemas de acceso; régimen disciplinario y situaciones administrativas.

Tema 09

La Ley Orgánica 2/1986, de 13 de marzo, de Fuerzas y Cuerpos de Seguridad: Disposiciones generales; principios básicos de actuación; disposiciones estatutarias comunes. De las Fuerzas y Cuerpos de Seguridad del Estado: Los derechos de representación colectiva; el Consejo de Policía; organización de las unidades de Policía Judicial; de las Policías de las Comunidades Autónomas; de la colaboración y

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TEMA 01

El derecho: Concepto y acepciones. Las normas jurídicas positivas: Concepto, estructura, clases y caracteres. El principio de jerarquía normativa. La persona en sentido jurídico: Concepto y clases; su nacimiento y extinción; capacidad jurídica y capacidad de obrar. Adquisición, conservación y pérdida de la nacionalidad española. El domicilio. La vecindad civil.

Temario / Tema 01

QUIZ 1 Preguntas en orden	QUIZ 2 Preguntas aleatorias	¿? ¡Sugiere una pregunta!

¿Prefieres elegir un rango de preguntas?

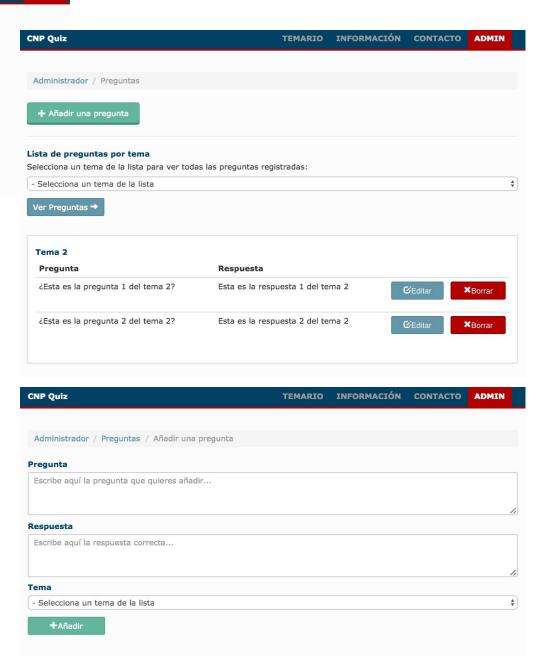En estos momentos hay 2 preguntas registradas. Comenzar en la pregunta _____ y terminar con la pregunta _____ .

Comenzar ➡

Temario / Tema 01 / Quiz 1

←   →

Quiz pregunta 1 de 2

¿Esta es la pregunta 1 del tema 1?

Escribe aquí tu respuesta...

✔ Corregir   ⟳ Repetir Quiz

Tu marcador

Aquí puedes marcar si tu respuesta fue correcta o incorrecta.

0 Correctas	0 Incorrectas

ADMINISTRADOR

¡Bienvenido!
En esta sección podrás añadir, editar y eliminar:

PREGUNTAS

TEMAS

Administrador / Preguntas

+ Añadir una pregunta

Lista de preguntas por tema
Selecciona un tema de la lista para ver todas las preguntas registradas:

- Selecciona un tema de la lista

Ver Preguntas →

Tema 2

Pregunta	Respuesta		
¿Esta es la pregunta 1 del tema 2?	Esta es la respuesta 1 del tema 2	☑Editar	✖Borrar
¿Esta es la pregunta 2 del tema 2?	Esta es la respuesta 2 del tema 2	☑Editar	✖Borrar

Administrador / Preguntas / Añadir una pregunta

Pregunta

Escribe aquí la pregunta que quieres añadir...

Respuesta

Escribe aquí la respuesta correcta...

Tema

- Selecciona un tema de la lista

+Añadir

When In The Dark
breath in & keep coding

Keep an Eye on Jobs
you never know

Awesome Community
helpful, passionate, fun

Springest

Meeting Ruby

a nice surprise

Writing Ruby

coding stories

Thank you!
Keep in touch

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Questions?
don't be shy