

Hello! Congratulations on enrolling at CodeClan!

The purpose of the pre-course work is to get you to a point where participating on the first days of the course in person is less confusing.

During the pre-course work you will use some of the tools and vocabulary we're going to spend the whole course working with, and we're going to start improving your typing so that you can type speedily for four months.

These materials are not the resources you will learn from: it is exposure, not instruction. It is also not necessarily meant to be studied in any particular order, however it is essential that it is covered before you start the course.

The goal of this pre-course study is to be able to do the following:

- Be comfortable navigating your development environment
- Familiarity with some components of coding in Ruby
- Understand the basics of source code version control and why it is used
- Have a basic understanding of HTML and CSS

## Online Accounts

[Explanation](#)[Checklist](#)[Resources](#)[Tests](#)

We will be using a variety of online services. Please ensure you have registered yourself with these providers, and sent us your user name for each, so we can communicate with you on the services. You should do this in the first week of the pre-course work.

## Computer and Internet Familiarity

[Explanation](#)[Checklist](#)[Resources](#)[Tests](#)

**Be familiar with:**

- ☒ How to use a Mac
- ☒ How the internet works

**Learn some useful keyboard shortcuts:**

- ☒ Copy, cut and paste
- ☐ Undo and redo
- ☐ Save
- ☐ Move to trash
- ☐ Open spotlight tool

**Be able to:**

- ☐ Search using the Spotlight tool
- ☐ Navigate the keyboard comfortably to find 'special' characters

**Measure your typing speed each week and send us a screenshot of your scores:**

	Normal	Ruby Code
Week 1:	<input type="checkbox"/> /	<input type="checkbox"/> /
Week 2:	<input type="checkbox"/> /	<input type="checkbox"/> /
Week 3:	<input type="checkbox"/> /	<input type="checkbox"/> /

**As a goal, try to get yourself above 40WPM on 'normal' typing and above 20WPM on 'code' typing.**

	20+ WPM	30+ WPM	40+ WPM	50+ WPM
	<input type="checkbox"/> /	<input type="checkbox"/> /	<input type="checkbox"/> /	<input type="checkbox"/> /
Normal:	<input type="checkbox"/> /	<input type="checkbox"/> /	<input type="checkbox"/> /	<input type="checkbox"/> /
Code:	<input type="checkbox"/> /	<input type="checkbox"/> /	<input type="checkbox"/> /	<input type="checkbox"/> /

## Terminal and Command Line

[Explanation](#)[Checklist](#)[Resources](#)[Tests](#)

Learn the Command Line course on Codecademy

<https://www.codecademy.com/learn/learn-the-command-line>

The University of Surrey's Unix module

<http://www.ee.surrey.ac.uk/Teaching/Unix/>

David Baumgold's command line tutorial

<https://www.davidbaumgold.com/tutorials/command-line/>