

WHAT TO CONSIDER BEFORE YOU LEARN CODE

10 THINGS TO HELP YOU GET STARTED



CODING SESSIONS

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GETTING STARTED

Learning how to code is not as straight-forward, and linear as one would expect, but what we will provide is some tips, and guidance on what to consider, before diving in head first, and learning how to code.

We have designed this guide to be as simple and practical as possible, so you can apply these to your own work flow, and to help you with deciding on whether a career in coding is the right path for you.

Are you ready?

Let's learn the 10 things you need to think about, before you learn how to code.

01

WHAT'S YOUR WHY?

What do we mean, you ask? Well, what's your reason for wanting to learn code? Is it for the money? Do you want to work for NASA or Microsoft? Do you want to be a Freelancer? What is your motivating factor? Do you want to build a website or an app?

When it comes to anything in life, when you have a goal to achieve something, there is *always a reason why* behind your goal. So really sit and think about **why** you want to learn code. Because it's not the easiest skill to learn, but is certainly more rewarding once you have grasped an understanding of coding!

Defining your why, will determine whether you move forward, or move on.

02

BE A BASIC B * * * *

Say, what?! Yes, you read that right! The coding languages that we recommend you start with learning, is the absolute basics of coding - **HTML & CSS.**

HTML stands for **HyperText Markup Language**, and provides structure and meaning to content, for example: headings, paragraphs, or images.

CSS stands for **Cascading Style Sheets** and represents the style to create the appearance of content, for example: fonts or colours.

These two coding languages form the basic building blocks of website building, and is the path that can lead to learning programming languages later on if you choose to advance further (JavaScript, PHP, Python, Ruby, etc).

Take our **Introductory Course into HTML**, and learn the basics to get you started!

ADOPT THE 4 P'S OF CODING

The Coding Sessions' philosophy of coding are as follows:

PASSION

You *need* to want to learn. It's as simple as that. People who have passion to learn code, will want to keep on learning.

PATIENCE

Endure the challenges. Believe us, there will be plenty. But patience is a virtue in the art of coding. Build it, harness it, and use it. Always.

PERSISTENCE

Stick it out. The more you practice, the faster you will learn and the more efficient you become.

PERSEVERANCE

Don't give up! Whatever you do, keep at it and keep challenging yourself.

04

CREATE A ROUTINE

Yep. A routine is going to be vital in order to help you get in the zone when learning code. This might sound straight-forward, maybe even sound like common sense, BUT trust us, we can tell you first hand that learning something as intricate and equally fascinating as code, requires you to create repetitive patterns, concentration and dedication.

Your routine could be setting aside 1-2hours a night before bed, it could be a weekend, could be an hour before work - whatever the case may be, it's important to establish some form of a routine to help accelerate your concentration and create repetitiveness.

The habits and routines you have built through your routine, is going to be of value later down the track on your path to coding.

05

SET SMALL TASKS

When you tackle learning something for the first time, it can become overwhelming to know *where*, or *how* to start. We encourage you to start small, and set tasks that are manageable and doable, and work towards achieving those tasks.

For example, Fiona is learning HTML and she is tackling the topic of 'classes'. She has outlined in her schedule to learn this for 30 min, and start practicing for 30 min by creating a mini project to cement that learning. She has set up a schedule to tackle her tasks one by one, until she has achieved her goal of building a one page document in HTML.

Sounds simple, right, but you'd be surprised at how many people try to learn code, don't set a goal, then give up because it got too hard. *Start small - this is more doable*, than trying to set a big goal, then feeling discouraged from continuing because you didn't meet your expectations.

One thing to take from this is - never stop setting those mini tasks! As soon as you complete a goal, make another! Keep on going, keep on learning, because this routine and repetitiveness allows you to build momentum and maintain your passion.

PRACTICE PROBLEM SOLVING

One of the things you will quickly come to learn is, *coding is really solving problems*. All. The. Time.

To be a good problem solver, you need to understand the problem first. And SO many people who try to tackle a coding problem, go right into solution mode, rather than **taking steps** to solve the problem. Lost? Let us explain.

The best way to tackle a coding problem is:

- ▶ Understand the problem
- ▶ Plan your solution
- ▶ Tackle the problem bit, by bit

These steps are the most simplest of ways to get started with problem solving, and it's our preferred method to tackling a coding problem. But nothing can come of it, if you don't practice!

07

VIEW THE SOURCE CODE

One of the best ways to familiarise yourself with learning one of the basic coding languages - HTML, is to view the source code of a website, to see how this was compiled. (To do this, you right click on the website page you are viewing, and select *View Page Source*)

Once you look at the code, you will no doubt be overwhelmed with what you're looking at - and that is absolutely OK. We are not asking you to decipher what you see, but rather "get used to" looking at code, becoming familiar with it, and immersing yourself in the language.

When you analyse it, you can see what logic has been applied, and the structure that was used to build out the website, which honestly helps you as someone viewing the code, get a bit of an understanding of what HTML looks like.

08

KEEP LEARNING

In this day and age, technology is a constant evolution, and is ever changing. To keep up with demand, developers have to continuously upgrade their skills by refreshing their knowledge on current coding trends.

As a newbie to the coding world, you will need to understand that you will always be in a state of learning. Even if you have begun to master a particular area of coding, don't rest on your laurels.

The best coders are the ones who continuously learn, continuously practice, and always open to up-levelling their skills set to stay current.

09

NETWORK AND CONNECT

Honestly, coding can get real lonely, real fast. Having people to connect and vibe with, is so important not only for morale, but for collaboration and networking.

Finding your coding tribe, can open you up to a world of opportunities, and you never know who you can meet or learn from!

Look for Facebook Groups, follow Web Development hashtags on Instagram to discover other Coders to be inspired by. Join Coding forums and find and interact with other users who are on a similar journey to you. Or research Coding Bloggers, and find the ones you like and connect with them.

Our very own **Coding Tribe on Facebook**, is purely to help connect you with likeminded, kick-ass females who want to learn code, and want to make connections. Join us over there for some epic connections, and coding tips (it's totally free)!

10

INVEST IN A MENTOR

Ok, hold up! This is totally optional! BUT here are our reasons why we know investing in a mentor will immensely help you in your coding journey.

- ▶ Provide unlimited support and guidance on your coding path.
- ▶ Keep you accountable, and help you stay on track.
- ▶ Tailor suitable solutions to find the fastest path for you to achieve your goals.
- ▶ Will challenge you, have your back and guide you every step of the way.

Having a coding mentor is a rewarding experience, and is one of the most effective ways to help with your coding journey. It ensures you're constantly expanding your skillset, and having someone to turn to for advice and feedback, can make all the difference.

Check our **1:1 Mentorship Program** to see if this is the right fit for you.

BONUS BUILD A DEVELOPER KIT

We can't help ourselves! We want to help you as much as we can, so we are sharing with you a bonus tip to consider!

Every new coder needs to start a Developer's Toolkit that contains a plethora of resources and tools that you would need in order to prepare you for all the coding knowledge you're going to absorb. As a newbie, you won't know where to start! But, we got you ;)

So, buckle up! Here are three of our essentials to get you started! When you sign up to our **Introductory Course**, there will be more for you to explore :)

- ▶ **<https://github.com>** - Git is a Version Control System, and the preferred system for Web Developers to store file changes more efficiently. GitHub is simply a place where developers can store their projects and connect with like-minded people. (We explore this more in our **Introductory Course in HTML**).
- ▶ **<https://validator.w3.org>** - This is useful for you to validate your HTML code, to ensure no errors occur. If the syntax makes no sense, or there's a bracket you forgot to close, this validator will pick it up.
- ▶ **<https://stackoverflow.com>** - Stack Overflow is a forum with a comprehensive library of information on any coding topic, with very useful questions asked and answered by its users.

WHERE TO, NEXT?

We hope this guide gave you some things to consider before embarking on your coding journey!

The only way to truly succeed, is for you to put in the work.

There's no fluff, no shortcuts, just pure hard work! And if that scares you, then you're not ready to embark on this path - and that's totally fine!

But if you are ready, willing to learn, open to being vulnerable and challenged - get ready for a crazy, yet amazing ride!

Join our community on Facebook to connect with other like-minded girls, ready to step into the world of coding:

<https://www.facebook.com/groups/thecodingsessions>

Sign up to our Introduction to HTML course here:

<https://thecodingsessions.teachable.com>

Sign up to our Mentorship Program:

<https://www.thecodingsessions.com.au/1-1-mentorship.html>

GOOD LUCK!



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