**_nology**

# Pre-course Work Information

## Overview

This document outlines the format of the pre-course learning we have assigned you. Before the course starts in a few weeks we want to give everyone some exposure to some of the languages and technologies we are going to be learning.

## Purpose of the pre-course

We have found that people who partake in our _nology programs often come from wildly different backgrounds and as a result have varying levels of exposure to languages and technologies. The aim of the pre-course is to ensure that everyone has similar levels of exposure to HTML, CSS and JavaScript before we begin the official learning!

Most of the topics / concepts that are covered here will be covered in much more detail on the course itself. It's not important for you too fully understand everything that's being taught in this material, however we recommend that you take this free time before the course starts to familiarize yourself with as many web, HTML, CSS and JavaScript concepts as you possibly can.

## Resources

During the second half of the pre-course we will be building a cafe website using quite a few HTML, CSS and JavaScript features. Each code along (08A – 18A) has a corresponding branch in the following repo: https://github.com/nology-tech/precourse-project

If you find yourself confused or unable to implement one of the portfolio challenges you can either re-watch the associated code along or you can find the source in the repository above.

# Format

1. **Information Sessions / Code-alongs (A):** All topics of study in the pre-course have an information session / code along (these are labelled with A). These sessions are anywhere from 3-15 minutes each, we recommend covering 2 topics a day leading up to the course. To get the most out of the code-alongs we highly recommend that you copy the code as you go and make sure that you are googling things that you are unsure of.

2. **Mini-Challenges (1-7):** Mini challenges are short, zero prerequisite tasks that test you on what you've learnt in the last code along. In the mini challenges we give you specifications for functionality that you'll need to implement, once you think you've got a solution you can watch the solution video. We recommend trying your best to finish the mini challenge before viewing the solution, the more you struggle with these challenges the more you'll learn.

3. **Portfolio Challenges (8-18):** During the second half of the pre-course we will be attempting to apply HTML, CSS and JavaScript in a more practical and realistic way. The code-alongs focus on building a Cafe website with multiple pages, alongside this you will be creating a portfolio website of your own. After each code along there is a document with a feature for you to add to your website. At the end of the second half of pre-course you should have a portfolio website with the following:

   a. Navigation bar

   b. Grid Gallery

   c. Contact Form

   d. Session Storage managed messages