



MISSION READY

Mission I & II

Due Date: Mission 1: 24/08/2022 in class,
Mission 2: 14/09/2022 in class.

Learning Topics: HTML, CSS, JavaScript

Mission Brief:

In order to successfully hone your HTML, CSS and JavaScript skills we ask you to **design and create a one-page personal website**.

The person web page will be broken down into two missions. The 2 missions will demonstrate your comprehension and understanding relating to the various practices and languages shared during the first three weeks of the course.

Content-wise, the personal web page can be whatever you want to it to be. Anything from a professional looking business page to a site about penguins, **just remember the mission is to demonstrate coding abilities/practices so if you are struggling on the design & content of things, KEEP IT SIMPLE**. If you are struggling for a place to start, feel free to create a personal portfolio page or turn your CV into a web page (most likely when you apply for a job they're going to want to see your work, what better way to show them than with a web page).

These 2 missions are for practice purposes. They are NOT part of an assessment for NZQA qualification.

Examples:

<http://findmatthew.com/>

<https://chipdp.github.io/>

<http://ejosue.com/>

<https://andrewborstein.com/>

<https://www.sakshamanand.com/>

Mission 1 Details:

Show and demonstrate an understanding of HTML & CSS Coding Languages by including the following elements in your page:

HTML

- `<head>` tag
- `<body>` tag
- `<div>` tags
- `<h1>` tags
- `<p>` tags
- `` tags
- `<a>` tags
- 'Class' or 'ID'
- Email Contact Form

CSS

- Flexbox
- Background Styling of `<Body>` or `<div>`
- Font Styling
- Margins
- Width & Height
- Animations

Mission 2 Details:

Show and demonstrate an understanding of JavaScript language by including the following JavaScript in your page:

JavaScript

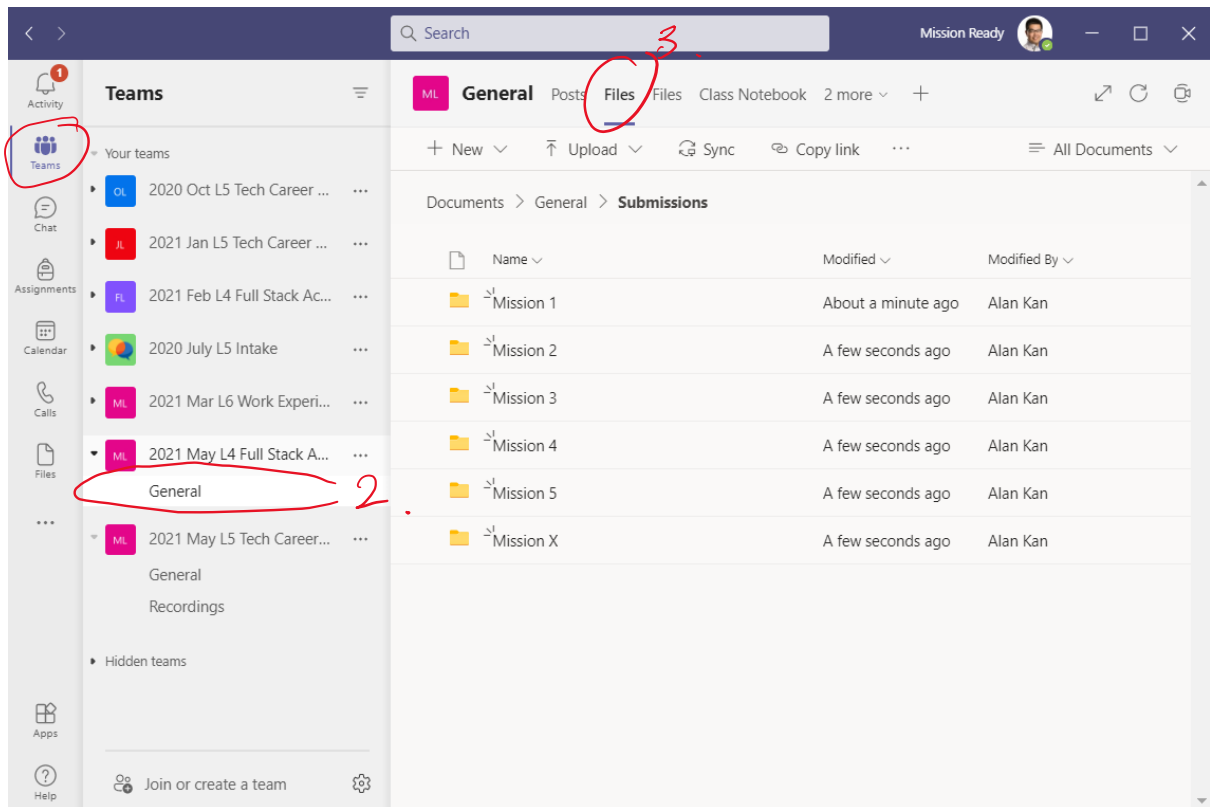
1. Declare variables using `let`, or `const`
2. Use of Functions
3. Use of `document.getElementById()` to change or display the values/styles/attributes of the original HTML
4. Use of Events (ex. `OnClick`)
 - Use of Loops
 - Demonstrate use of both arithmetic and comparative operators.

Github

- Store your files on Github

Mission Completion Instructions:

1. Go to Microsoft Teams > Teams > 2022 Jan L4 Full Stack Accelerator > Files > Submissions > Mission 1 (or Mission 2)



2. Create a folder, name it with your first and last name
3. Upload your completed code files to the folder you created, or upload a txt file containing the link to GitHub page that hosts your code files.
4. On the due date, be prepared to show everyone what you have done (both a quick demo of the page and showing a bit of code you wrote). You should prepare to talk for no longer than 5 minutes.