**Beginning to Code**

**Need to Know:**

* **HTML tags and attributes**
* **<html>,<body>,<hr>,<br>,<p>,<h1 to h6>, <head>,<title> tags**

**Questions:**

1. **Define coding/programming.**

Computer programming is the process of writing, testing, creating, and maintaining the source code of a computer.

1. **List the names of at least 3 different programming/scripting language languages.**

Python, COBOL, Java

1. **Describe the difference between a markup and a programming language.**

With markups you can’t make decisions, only markup the page, and are more limited. With programming languages you are able to do much more.

1. **Give an example of a markup and a true programming language.**

Markup: htmp Programming language: JavaScript

1. **What are the minimum requirements necessary to code?**

A text editor, basic programming knowledge, and a problem to solve

1. **What is the name of the file that contains the code?**

The source code

**Exercises:**

In your class root folder create a *home page* named **index.html**. Add an index.html to each of your unit folders. In your home page add a title ex. **Sam’s ICS3U Website**. Underneath the title write a short paragraph describing yourself and why you took this course. Then beneath that add another paragraph describing the things you will learn in this course (use your course outline as an aid). Finally, add a section that outlines how your class averages will be calculated i.e. what the semester is worth, the summative, exam etc.. Use the correct tags to properly format the content of your web pages. In each unit page add a title and a short paragraph describing the unit (again use your course outline). As you write your code, be aware of its format. Poorly formatted code is difficult to read and debug.