**Lesson 1: What is HTML?**

*In this lesson, we will be showing you how to create your first webpage.*

1. **Launch Terminal** – to do this click on the magnifying glass (spotlight) on the upper right corner of your screen and type in **terminal**. You should see an application called **Terminal** show up. Click on the application / the word terminal.
2. **Change directory to the Desktop –** to do this you will type **cd ~/Desktop** and press enter
3. **Make a directory called www** – to do this type in **mkdir www**
4. **Change directory to the www –** type **cd www** and press enter
5. **Launch emacs –** Emacs will be the text editor that you will be using to create your webpage, you can also use TextEdit if you want, but for this course we will be using emacs. To get started, type **emacs index.html** and press enter. All webpages have to end in an html extension (.html). The filename can be whatever you want. Index.html is the first page the browser will automatically look for. What I mean is when you go to google.com, it is really looking for google.com/index.html
6. **Type the HTML tags –** type **<html></html>**. Remember, the HTML tag is necessary so the computer knows that this is a computer program.
7. **Make a sentence bold, italic or underlined –** Remember the bold tag is **<b>I am a bold sentence</b>** *<i>I am italicized!</i>* <u>Now I am underlined.</u>.
8. **Save the file –** Now we have to save the file so we can view it on the browser. To do this **hold control and press x**. Let go. On the bottom left of your screen you should see **C-x-**. Now **hold control and press s**. You should see **Wrote …../Desktop/www/index.html** on the bottom left of the screen.
9. **Exit emacs** – To exit emacs, **hold control and press x**. Now **hold control and press c**. You should have exited the program.
10. **View the file in a browser –** To do this type **open index.html** and press enter. Your webpage should open in a browser! Congratulations, you have made your first webpage. Now go back to the file and make some changes, save the file and refresh the page.