**Discuss the weeks activities and your observations**

First, I read the required chapters from the textbook and tested my knowledge retention with the self quiz. I also continued making flashcards based on this unit’s self quiz as well as the graded quiz from last week, which was made available this week. After this, I submitted my discussion post on Single- vs Multi- queue scheduling. Doing this allowed me to consolidate the information from the textbook as well as learn new information from the website articles. Prior to reading the articles I found, I hadn’t considered that having too many processes running on one CPU would lead to increased energy usage and issues with heat to the point of causing hardware failure. I always assumed that a device would simply crash or hang before processes running on it would do physical harm. Moreover, if this is a possibility, perhaps computer architects should throttle the number of processes that can run so this isn’t an issue. Next, I researched and submitted my Programming Assignment. There were a lot of ideas in that assignment that weren’t explicitly stated in the textbook, so it was more involved than simply regurgitating what the book says. To be truthful, I was sad that it wasn’t an actual programming assignment. Sure it is easier to research and write a few paragraphs, but I was looking forward to using the virtual machine and gcc again (before I forget it all).

**Discuss where scheduling is being used in everyday aspects of your life this**

**week**

Scheduling is frequently obvious on my laptop, where I always have several things running at once. For example, as I am composing this in google docs, I notice when Google docs is saving my edits as it will change the dialogue from “All changes saved in Drive” to “Saving…”. Moreover, I have several tabs open in the background including my Gmail. Even though I am typing into a Google doc, Gmail is still running processes in the background and I can see that I now have 1 new e-mail in my inbox that needs to be read. I also have an antivirus window which pops up periodically (a minor nuisance) and tries to convince me to subscribe. In addition, I also have alerts on my calendar which will go off at various times of the day, so that I can keep to a schedule even if I get distracted by what I am currently doing. So far, I have discussed obvious instances of scheduling, but it should be noted that there are more obscure instances. For example as I type on a keyboard to write something to a screen, I/O interrupts are occurring and leading the program to change the viewer so that text appears. The same could be said for any time I move the mouse, point, and click. And all this while, the cursor is flashing to indicate the current location on the document. Having read the textbook so far, gives me a better appreciation for what the OS is doing behind the scenes to make everything seamless.