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CSCI 332

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Weekly Report: Lecture Date January 22th

After missing last week for Martin Luther King Junior Day, this class period consisted of the first main lecture of the course. In general, this class introduced basic electricity and how the telephone works. It also discussed basic terminals and binary coding. During this lecture, it was announced that Lab 1 would be due on January 27th. It was also said through an email announcement that homework 2 would be due on January 29th.

The most useful concept presented in this week's lecture was that of binary code and how to convert between binary, decimal, and hexadecimal. Binary is the basis for all computer operations. Any code we write is read by the computer in binary. It is amazing to think that everything seen on a computer display is nothing but a set of 0s and 1s being read and interpreted by the computer. If we cannot understand the most basic of computer languages, we will never be able to understand how a computer works and processes information.

The most difficult task of this week was getting the source code to print in the lab assignment as part of task 4. While I ultimately got something close to correct to output, I do not believe that it was completely accurate. I tried many different pieces of code in order to attempt to get it to work. Since I was in Asheville, NC on a school trip when I worked on the lab, there was no one I could ask for help face to face. Also, while working on this lab, I had little to no Wi-Fi connection which added an increased difficulty in solving this problem in the code. Thus, while I was able to find a solution which was close to being correct, my solution was not

completely accurate. This made the lab one of the most complicated assignments of the week for me.

Most of the information covered this week in class provides a basis for an understanding of communication. Communication has adapted and changed throughout history. In order to understand the future of human communication, we must first understand the past. The knowledge of early telephones and the importance of instant communication helps the understanding of the importance the internet has on modern society.

While I still have few questions to ask with regards to the material covered in this course, I would like to know how to accurately complete task 4 of lab 1. This task gave me a lot of trouble and I would like to know how to accurately complete it in order to avoid any future problems that may occur from a lack of understanding at this point in the semester.