Assignment 3 Reflection

D123r: I actually learned a lot through my experience of completing these PDAs. While I was just plugging and chugging trying to get the first PDA to work I began to come up with ideas on how the machine worked. Along with that new experience I went and talked to the LA Tingle, and Luke for help. They both explained to me how I can trace the machine and see what my input is for each state. While I found the even palindrome PDA wasn’t that challenging, I did think the odd and all PDAs were. I am not sure why there was a difference, my only thoughts is that it was the difference in logic that I just didn’t understand fully. But after many tries I successfully built and tested the odd and all palindrome parts.

D4: This part of the assignment was very interesting because I was confused on how to construct the grammar. But with the help of the LA Tingle, I was able to get rid of that confusion and actually make the grammar quite simply. The question that I have though is that in my solution I have the S variable going straight to the articles without the Variable A. I Hope I do not get marked down because of this I just thought it would make the grammar simpler. When I run tests on it the strings still work the same but I wanted to make that known.