Levine, Miles L

CMSC204  Prof. Kuijt

Assignment 5

Screenshot of GitHub:A screenshot of a computer

Description automatically generated

Screenshot of JUnits: Graphical user interface, text, application

Description automatically generated

Lessons Learned

I learned how to implement trees and use methods to modify them the way I wanted to. I also learned a lot about morse code and how each letter represented a unique code. I also learned about the split method and how to use it when converting the code to English. I learned about binary trees and how to build them. I also learned a little more about recursion because some methods that I implemented used recursive calls.

I struggled a lot with the convertToEnglish class because I was a little confused with the process of conversion. I ended up using nested loops which seemed the most logical thinking, but I think that I could have implemented that method differently. I also had trouble with my JUnits and trying to get them to pass. I spent about an hour trying to get one test to work, only to find out later that I needed to attach the .txt file to my assignment to make it work. So next time I should read things more carefully so I don’t waste time. I also struggled with the addNode method and the fetchNode and addNode methods, they were a little confusing.

In the next project, I would dedicate more time towards debugging and completing my code. In this project, I was not able to submit it on the due date because of bad planning and time management. I would also like to spend time reviewing past concepts from cmsc 203 on my next project. I always find myself having to google ways of implementing things that were introduced in cmsc 203. By reviewing previous concepts I would be able to write my code more efficiently.