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CMSC204

Assignment 5 Write-up

Learning Experience.

For this assignment, I was tasked with creating a program that translate mores- code into English using the Linked trees. The concepts tested were generic classes, Utility classes, Linked trees and building tree for conversion purposes.

Throughout the project, writing the most of the project did not take much time as the Javadoc provided were very specific and I just had to implement what Javadoc asked to in order to complete the project. There were many concepts I was hazy or unsure about but because this project had very detailed instructions, requirements and Javadoc, I was able to go back to the power point slides used in-class to find the solution easily in the process, learning and practicing to use the tree.

However, I did come across many problems during the project. For one, I kept getting null-pointer error in the addNode method in the MorseCodeTree class. I spent hours and hours trying to figure out and couldn’t so I reached out to online community, stack overflow, for help on this specific problem only to realize I had made a typo on the buildTree method code parameter of insert method. This experience taught me that error doesn’t always exist where it is found. Taking a step back and calmly looking through the entire project is sometimes necessary.