Joshua Gizaw

Assignment 5

Morse Code  
Lesson Learn

I’ve learned that assumptions about how a tree should be traversed can lead to unexpected results. Initially, I thought the traversal order needed to be alphabetical, but it turned out that the correct order was based on how Morse code is structured. This misinterpretation caused delays because the actual output did not match my expectations, revealing that my approach was off from the start.

I also realized the importance of aligning closely with documentation and specifications. I assumed that the output should follow an alphabetical order without verifying if that matched the intended structure. This oversight led to confusion and extra work in fixing the test cases and adjusting the tree's traversal methods.

In the end, ensuring a clear understanding of the requirements and following the provided documentation more carefully would have saved time and effort. This experience reinforced the need to verify assumptions against the actual requirements and be diligent in reviewing guidelines and documentation.