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CPE 202-03

Project 3

Issue Categories
1 - Understanding an error (i.e. do not understand "EOF error" or why it is happening)
2 - Locating an error (i.e. do not know where the error is happening in the code)
3 - Testing an error (i.e. do not know how to write a test to cover specific code block)
4 - Fixing an error (i.e. do not know how to fix "EOF error")
5 - Autograder Feedback (i.e. do not understand what autograder feedback means)
6 - Other

Issue Category	Issue Description	Previous Attempts	Solved by Myself	Asked Question to Instructor
1	For create_huff_tree I was confused on how to assign a parent node to the left node and right nodes which are being popped. Assigning the left and right was abstract	• I was trying to use recursion to assign the parent nodes, and use a helper function. • I was using the wrong conditional loop to keep the tree running with the nodes.	☑	☐
3	For create_header I was confused on why my function didn't satisfy the test case when the expected and actual looked the same. I had trouble figuring out how to concatenate the spaces correctly.	• I tried to input formatting errors using ' ', but my test case was still failing. • I tried slicing my output, but the format of the slice didn't work. • I continued to test my function and figured out the right way to slice it to return the write test cases.	☑	☐
1	For parse_header I was using a nested for loop to iterate through each character's ASCII value and its frequency. This ran one for loop a repeated amount of times for one loop.	• I tried using a while loop, but it didn't iterate properly. • I tried using a for loop with separate indices but it didn't store the values correctly.	☑	☐

1	For huffman_decode I wasn't able to traverse through my tree properly, and reach the leaves.	• I tried using recursion, but the helper function didn't run through the base cases properly. • I used iteration and set a value that increments which worked more effectively for me.	☑	☐
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