

Assignment Information  
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EE250 HW 2

Problem 2  
hw2q2.cpp

Built constructors for various provided cases.

Problem 3

My solution utilized the following sources:  
<https://www.geeksforgeeks.org/merge-sort/>  
<https://iq.opengenus.org/time-complexity-of-merge-sort/>

Problem 4  
hw4q4.cpp

Fixed various lines of code. Built a constructor so that Point1 could populate the values of color and style upon initialization. I also change the function calls of showPoint so that the object.showPoint() was called and the object was not being passed as a function parameter. I also fixed the color assignment so that it would read Point1.color += 2 and not color.Point1.

Problem 5  
hw2q5.py

My solution utilizes a method that searches the array index by index and checks for multiple appearances of the same character, counting each as it goes along. If the max character count exceeds the previous count, then the max character is updated.