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Computer Science 10  
Problem Set 1 Brief Discussion

Region growth was one of the most difficult tasks to tackle in this assignment, but understanding the algorithm and the concepts was truly fascinating. In order to understand region growth on the static image, it was important to understand the concept of looping through each visited point's neighbors through a distance formula. Essentially, the way our region grew in a static image was through comparison of pixel colors and keeping track of them in array lists. In terms of moving images, this same concept was employed, but it was necessary to keep track of the largest region throughout the time that the webcam was working, which was implemented in our image processing method and arguably the most crucial part of it.