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Computer Vision
Reflection (HW1)

Write a short document about what you have learned from this assignment. What did you find useful? What was easy? What was hard? What was interesting? The reflection should be included in your hw1_<your_name> directory, as either a .pdf or .docx file.

In this assignment I dug deep into the KLT & SIFT algorithms for detecting features within images. I researched how to actually use them, and what the differences were. I also figured out the gaussian blur algorithm and figured out how to stop generating it more when the color is at just one. I did further unit tests myself, which was tricky to figure out how to test, but ultimately figured it out by doing the sizes of arrays and checking if an image is empty or not. The easy part was returning if the image is empty, and changing images to grayscale. The hard part was the unit tests and figuring out the different algorithms for KLT and SIFT. It was interesting using the test code given and using images I found myself as well to test for fun.