COMP 4102 Assignment 3 Question 2 Written

Luke Harper 100886836

An OR operation takes image data from each image as long as it's not 0. Taking the OR of the two images would produce an image that is the combination of the two images (overwriting the zeros (black) of the other image). This would work for a perfect stitch if the shared parts of the image were a one to one mapping. When we warped the first image we changed the pixel mapping. The warp is not perfect as some pixels stretched to change perspective. This results in slight differences in pixels when we go to stitch the two images. The resulting is the combination of the two pixels getting the enhanced pixel value (white color). To prevent this anomaly you should stitch one image (the pivot image) over top of the warped image wherever you find non-zero image data. If you took one image to be 'precedent' over the others it would prevent the combination of pixels and the anomalies.