**Hw1 ReadMe**

**Computer Vision**

**UNI : al3372**

hw\_walkthrough2:

The program was pretty straight forward. I just separated the green and blue channels in the same manner as the red channel had been separated in the source file. I used the ‘help’ feature to look up the function ‘imwrite’ and used it to write the final 2x2 arrangement of the images to a ‘png’ file.

hw\_walkthrough3:

Once again, the instructions made the program pretty easy to follow. I played around with different threshold values, ‘0.9’ appeared to give the best results (I only tried values separated by 0.1 from each other).

We basically convert the ‘I\_Love\_New\_York’ picture into an inverted black and white filter such that the part that we want to superimpose on the other image, is the white portion. We then, separate the ‘NYC’ image into three separate channels and in the red channel, we use the filter to select the pixels we want to use (pixels where value of filter is 1) and replace these with the value 255, so that in the resultant image, these pixels appear red. Similarly, in the green and blue channels, we replace these pixels with 0. So, the resultant color obtained at these pixels is red.