Problem Set 1

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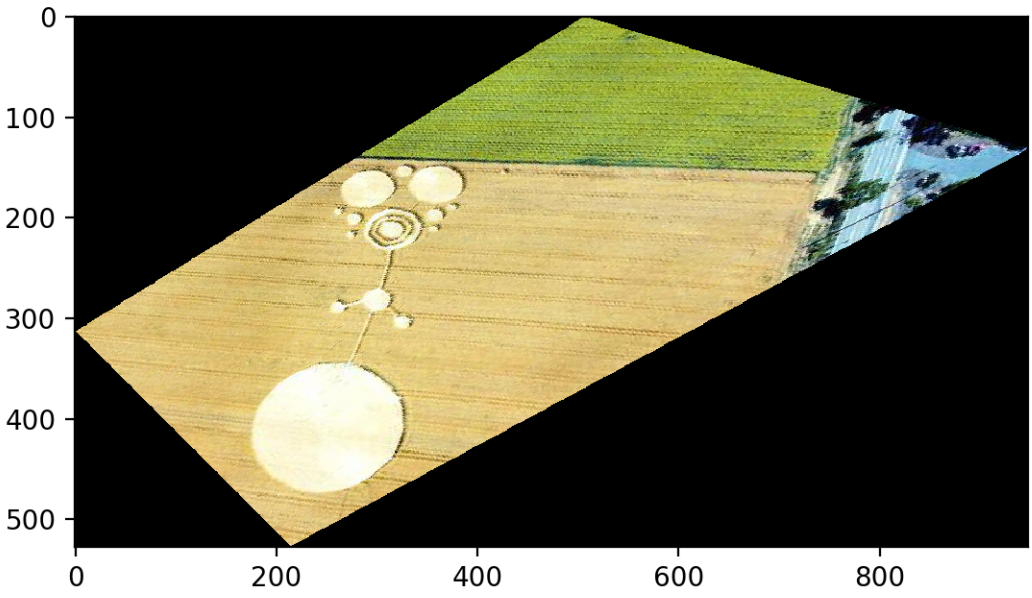
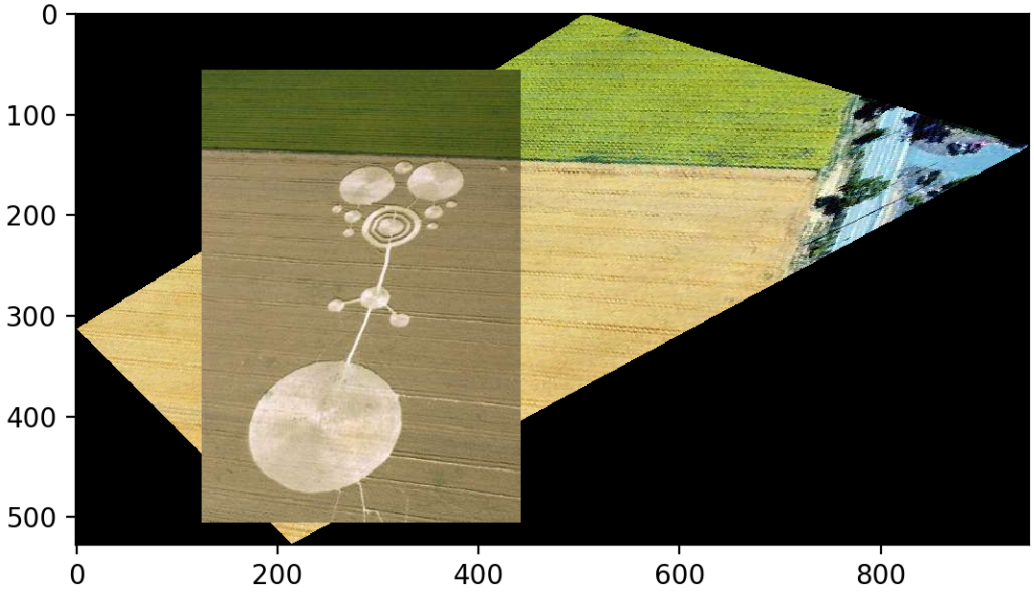
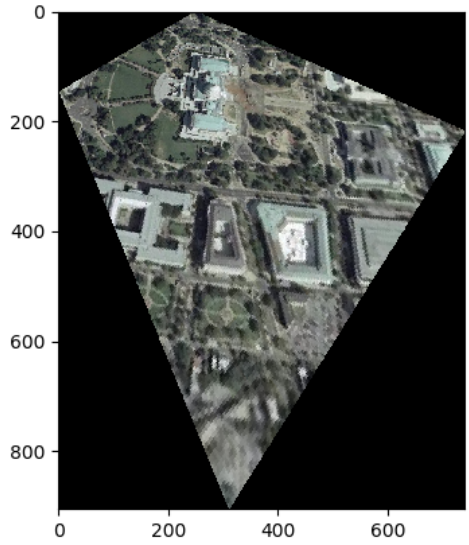
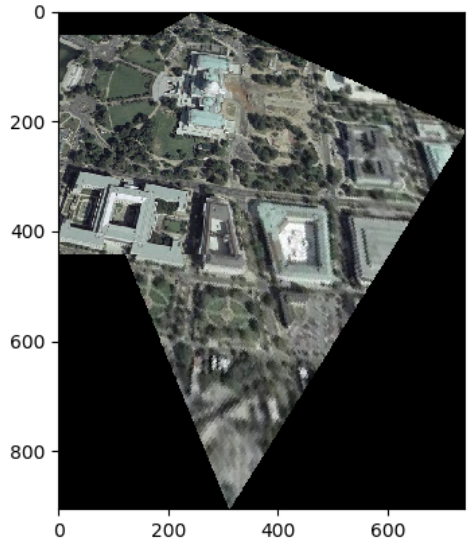
1 Crop Circles




0
100
200
300
400
500
0
200
400
600
800

2 WDC

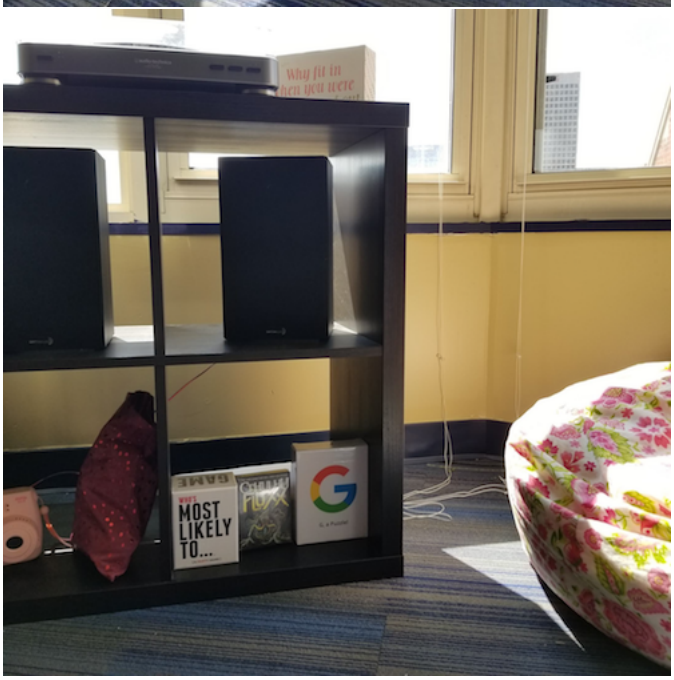




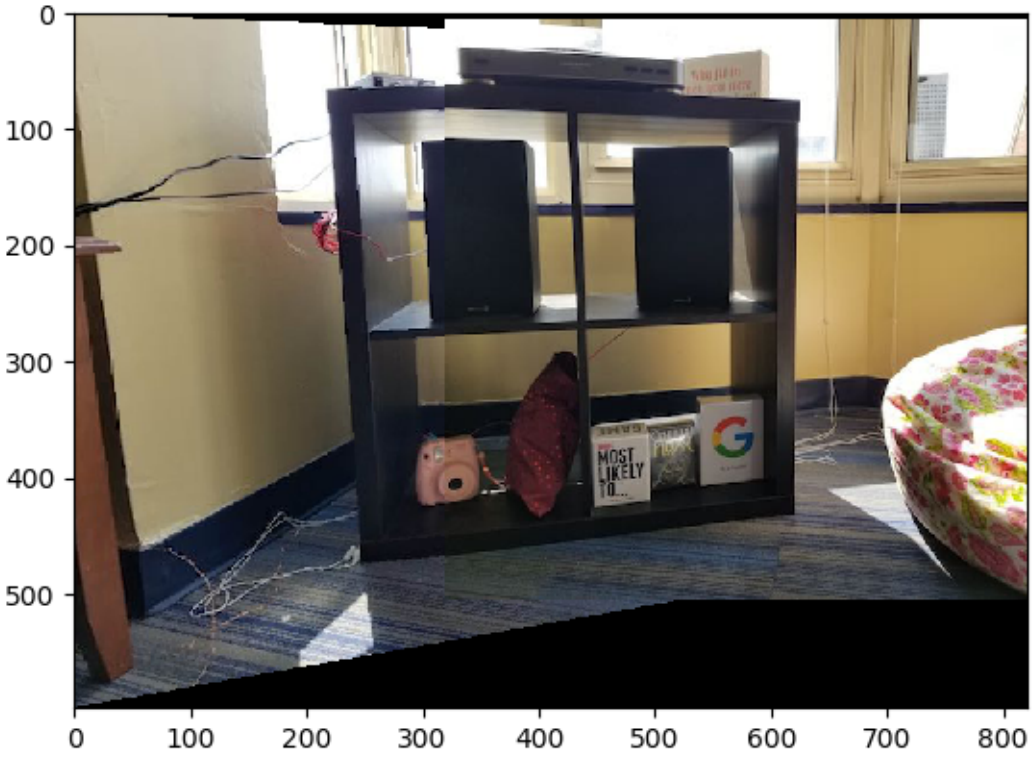
The points are in wdc1.npy and wdc2.npy

3 My Graphic

Original



Final Mosaic
Used left.npy and right.npy, for the points to compute H matrix
Used left.jpg and right.jpg



4 Replaced Surface

Replaced the surface of a roof on Picasso cubist painting with splatter paint
Original images

Used picasso.npy and rect.npy, for the points to compute H matrix
picasso.jpg, and scream.jpg are the images used
Final image

5 Infrastructure

points.py handles the logic for selecting points, need to change the displayed images every time and the name of the location that the points are saved at

driver.py handles the logic for calling the functions Run python driver.py to see all the images made