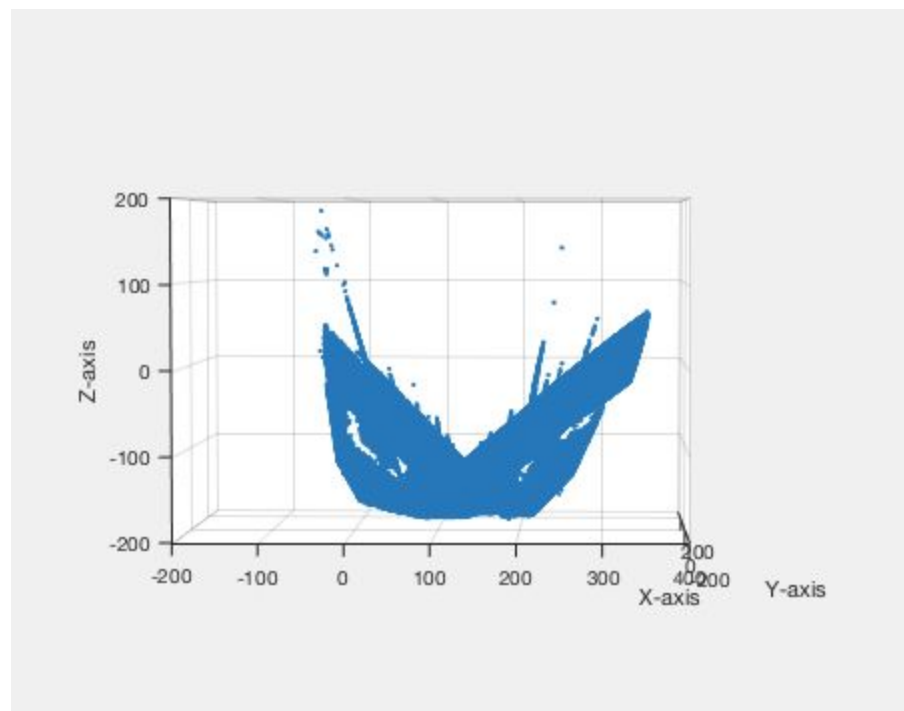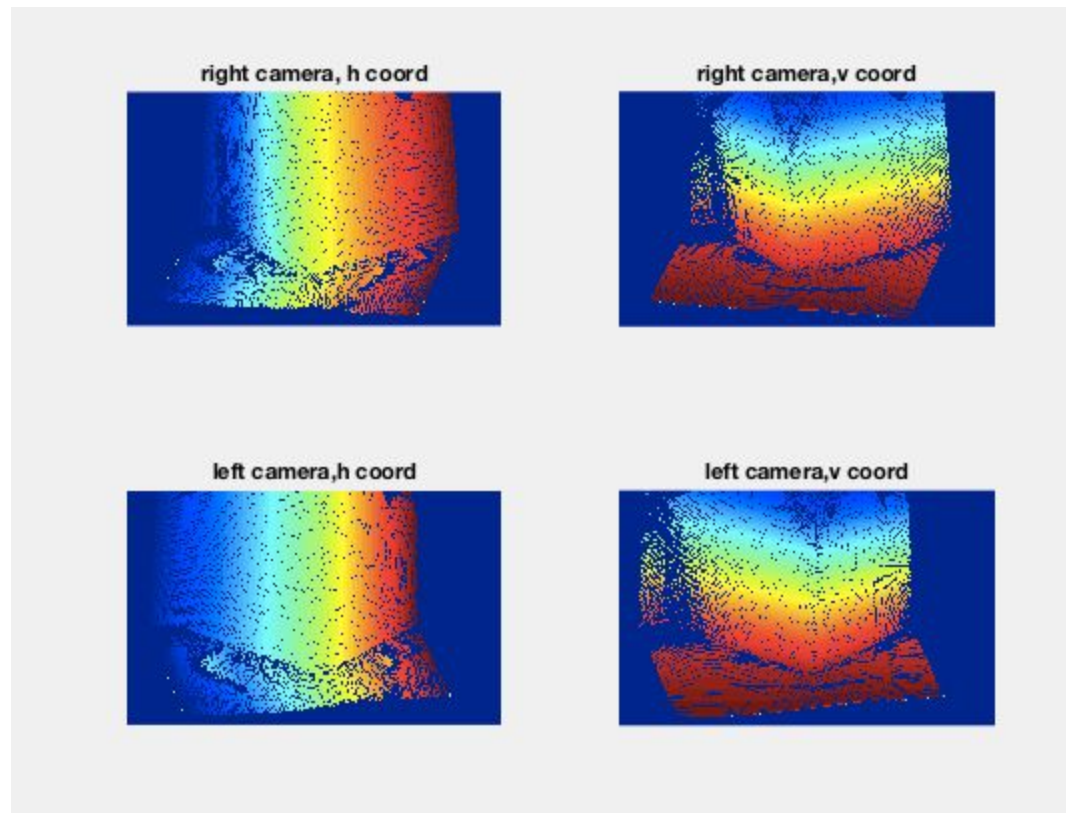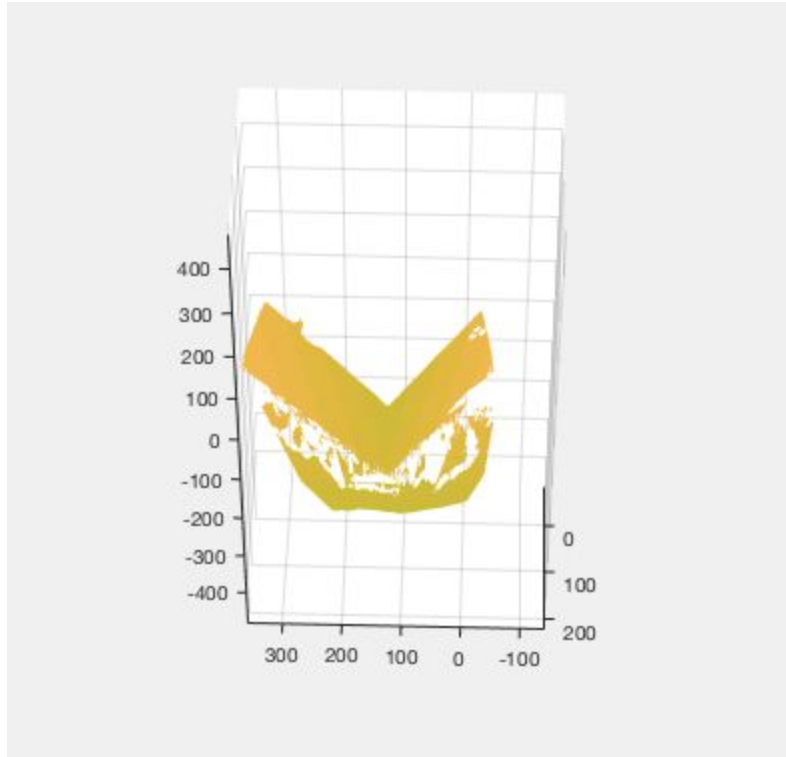Jinnie Choi
65406900

HW #4 Writeup

1.

a.

b.

c.

2. In my mesh.m, I set the boundary with TRITHRESH which is 10mm, and then found the points of the triangles, then found the distances between the edges of the triangles and then compared it to the TRITHRESH. Then I reset the tri to be the points that are within the boundary.

3.

   a. Some parts have more points because those parts have stronger lighting in the images so the program was able to scan the data more effectively compared to where there are dim or no lights at all.

   b. In order to get the best data possible for both faces of the box, you would have to place the projector where it can shine light on where it would light up the both faces of the box, and then place the camera where it can capture the whole faces of the box.