Lab 2 - CS517 (2020)

**Q1.** Resize ***watch.tif and test\_pattern.tif*** image using **bilinear** and **nearest neighbor interpolation** using **first principles (Don’t use inbuilt resize function, loop through each image).**

**Output:** The output should contain four images (use subplots)

1. Original Image

2. Resized image using inbuilt function

3. Ouput image from your method

4. Error image (RMSE value as a caption)

**Q2.** Transform the image ***test\_pattern\_transformed.tif*** back to the original image.

**Output:** The output should contain four images (use subplots)

1. Original ***test\_pattern\_transformed.tif*** Image

2. Original ***test\_pattern.tif*** image

3. Ouput image from your method

4. Error image (RMSE value as a caption)