CSE 464 Digital Image Processing
Fall 2023- HW1

Due Date: 7.11.2023, 23:50

Use the image at this link for your algorithms

You are expected to perform affine transformation (scale, rotate (30 degree), shear, zoom (1.6 times))

A: use forward mapping and compare the results with the original image
B: use backward mapping without interpolation and compare the resulted images
C: use backward mapping by using bilinear interpolation and compare the resulted images

You are expected to prepare a report including your results which were written in academic rules. You report will also include your codes as an appendices. Please don't use function except loading and showing the images.