



Write MATLAB scripts that change the image intensities according to the following:

1. Instead of using maketform function, MATLAB provides the following functions to make transforms “affine2d”, and “projective2d”. In addition, it provides “imwarp” to apply the geometric transformation instead of using “imtransform”. Write a demo that show different affine and projective operations using the new functions.
2. Are the following two operations equal if they are applied to an image? Justify your answer?
 - a. Apply scale of 1.5 (T1), then apply rotation of 30 deg (T2), and finally vertical reflection (T3).
 - b. Apply ($T=T1*T2*T3$).
3. MATLAB provides “imrotate” and “imresize” functions. Show a demo that demonstrate the functions with the different possible parameters values.