Pattern Recognition (COM511)
Assignment - 5(Final) - Coding: Matlab/Python

1. Apply the correlation operation between baboon.png and eye.png to find the location of both the eyes.

2. Perform the convolution operation on baboon.png with the following filter:

    (a) $f_1 = [[1,1,1],[0,0,0],[-1,-1,-1]]$ (This is a 3 x 3 matrix)

    (b) $f_2 = [[-1,0,1],[-1,0,1],[-1,0,1]]$ (This is a 3 x 3 matrix)