Indian Institute of Science
E9−252: Mathematical Methods and Techniques in Signal Processing
Instructor: Shayan G. Srinivasa
Homework #9, Fall 2017
Late submission policy: Points scored = Correct points scored $\times\ e^{-d}$, $d = \#$ days late
Assigned date: Nov. 15$^{\text{th}}$ 2017   **Due date**: Nov. 29$^{\text{th}}$ 2017 by end of the day

PROBLEM 1:

Implement an image compression system using KL transform to compress **baboon.png**. Compare the efficiency of this system with that using wavelet transform. (50 points)