**Assignment 1**

Take any color image, convert it into a greyscale image. Then, apply the following operations on the greyscale image:

1. Apply 3X3 mean filter and 3X3 Gaussian filter and show the results.
2. Apply 3X3, 5X5, 7X7 and 9X9 kernels of mean filters and see the results.
3. Apply the sharpening filter given in class, on the image and show the result.

you have to submit the assignment as a zip file.