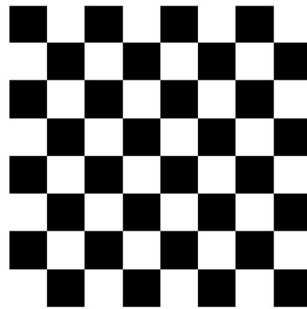


Image and Video Processing

Lab Assignment 1

IIIT Allahabad

Q1) Create an 8x8 matrix and fill it with a checkerboard pattern. Display the result as shown below:



Q2) Given two images, compare them by their spatial resolution (use dpi) stating which image is better.

Q3) Given an image, up-sample it with a factor of 2 with the following two methods:

a) Nearest neighbor

b) Linear interpolation