

In The Name of God, The Merciful, The Compassionate

**Multimedia Systems
Department of Computer Engineering
Sharif University of Technology – Kish Campus
Spring 2008**

Programming assignment1

Lossless image compression:

Write a Matlab code for lossless compression of a grayscale image by using differential coding and Huffman entropy coding algorithm. Then compare the efficiency (compression ratio) of different predictors for lossless JPEG.

Due date: 87/02/20