Co1. COI 1- Array, indexing operations in MATLAB

COI2- Filtering by Convolution.

1. Filtering in time domain/ Spatial domain (Images)

a. Filtering Elementary signals in time domain, estimate the similarity by correlation.

b. Filtering the ECG signals in time domain, estimate the similarity by correlation.

c. Filtering the EEG signals in time domain, estimate the similarity by correlation.

2. Spatial Domain Filtering of Images with 2 D convolution.

a. Filter the Gaussian noise with 3x3 filter

b. Convolve with 3x3 and 5x5 mask and observe the results

3. Frequency Domain Filtering of Images with 2 D convolution.

a. Design LP transfer function and obtain filtering.

b. Design HP transfer function and obtain filtering.