**Topic**: Correlation

1. Consider two finite length sequences and , then compute the fallowing
2. Auto-Correlation of.
3. Cross-Correlation between and

(Use convolution code written in lab1 for computing correlation)

1. Consider a periodic signal (given by TA), then find out the period of the signal using Auto-Correlation technique

\***Note:**

1. Generalize your program as much as possible, which will be helpful for further labs
2. Zip all your files (includes soft copy and ‘.m’ files) and submit to respective lab TA.