1. Write a program by Matrix Method which gives the convolution result by taking the input sequences and.
   1. Take from the *Xdata.mat* given
   2. Take from the *Hdata.mat* given
   3. Compute the by your program
   4. Perform the following steps
      1. Apply on both sides
      2. Perform on both sides for the above resultant
      3. Let us consider , Now find the
   5. Now take and compute?

\***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