Part 2

-Modify your signal generator to add or multiply a generated signal with any other generated signal having the same sampling frequency and time interval. The signal generator should ask the user after generating a signal if he desires to add or multiply it with any other signal and if the answer is yes it asks for the 2nd signal parameters as done before....

- It's required to design spectrum analyzer to plot frequency domain magnitude and phase for any generated signal.

- After that It's required to input your generated signal on any LTI system defined by its impulse response h(t) (this h(t) is input from the user and generated by the signal generator-must have the same sampling frequency). The output from this system should be plotted in both time and frequency domain using the spectrum analyzer.

-Dealing with sound signals will be appreciated , GUI also .

-The project will be handled on your labtops week start 5/18 isA on dates which will be announced later, a softcopy of a report demonstrating your work should be delivered by mail. Each team should work on its own and get no help from any other team.

-The members of the best team will get a prize.

Good luck :)