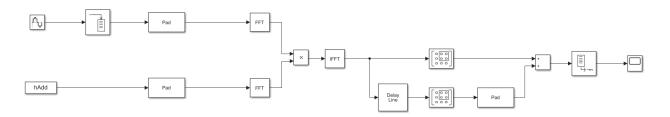
LAB 1 DSP

Names (ID):

Abdullah Fathy Muhammad El-Zohery (18011024)
Mahmoud Ahmed Abdelsalam Mohamed (18011654)
Adel Mohamed Mahmoud Hashem (18010880)
Mostafa Ahmed Abdelsalam El-Hosary (18011775)
Abdullah Muhammad Farag Soliman (18011032)

LINEAR CONVOLUTION

SCREENS





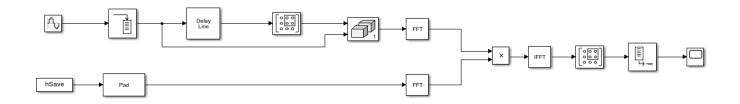
COMMENT ON THE RESULTS

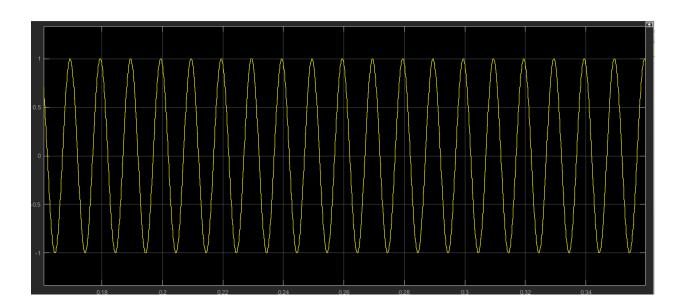
It Just take the frame of Samples L And conv it with the filter h and gives us the output L+h-1.

This method just takes the frame and doesn't give a care about the bast frame or the next so its not good for a real signal it will destroy it.

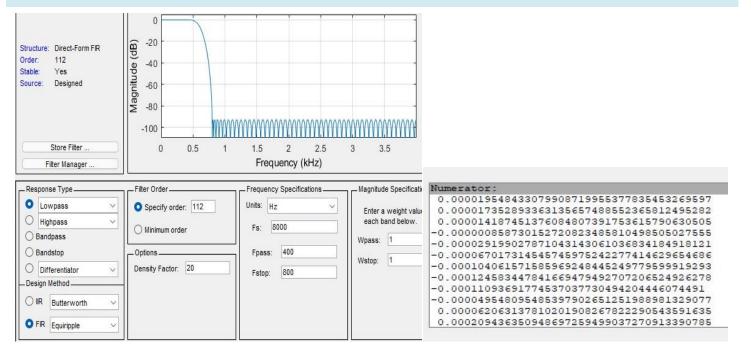
OVERLAP SAVE

SCREENS





FILTER

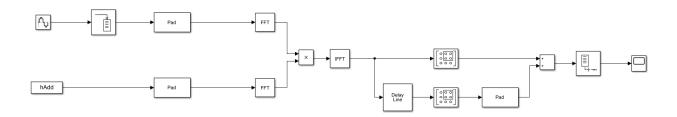


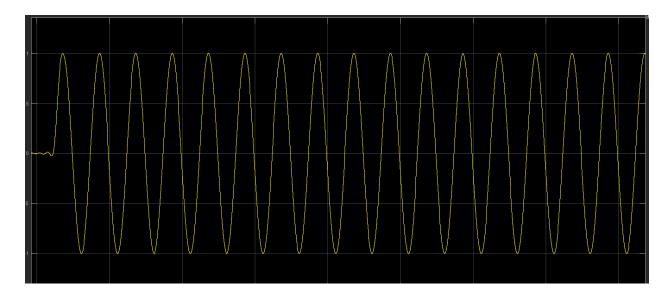
COMMENT

Here the Frame takes samples from the past frame so it gives us areal conv to the Signal

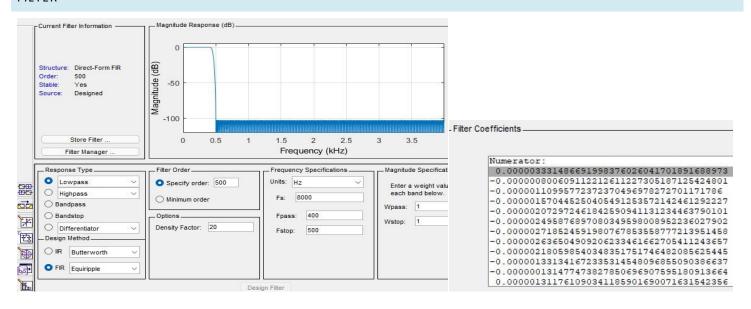
OVERLAP ADD

SCREENS





FILTER



COMMENT

The same output As Save method an gives us a real Conv or a real long signal