PA 2

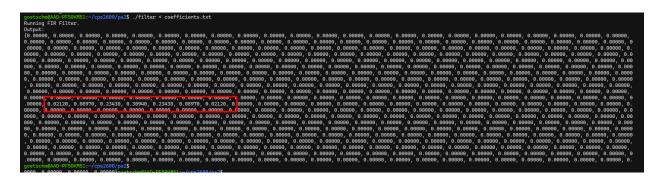


Figure 1: A screen shot of my filter coefficients showing the correct filter coefficients produced.

Code Info

There are two ways to test the program. There are test methods written that run by default with the -test flag. Custom test files can also be inputted with the -test -f < <filename>.txt. There are two test files included that can be used with the -test -f < <filename>.txt command.

The default behaviour is to run the program as an FIR Filter with 7 coefficients and 512 inputs by inputting a text file to the program using \$./filter < <filename>.txt. An example input file (output shown in the screenshot) is also included.

The -h flag works with instructions as well. There is a makefile, but I also included compile instructions in the main.c header.