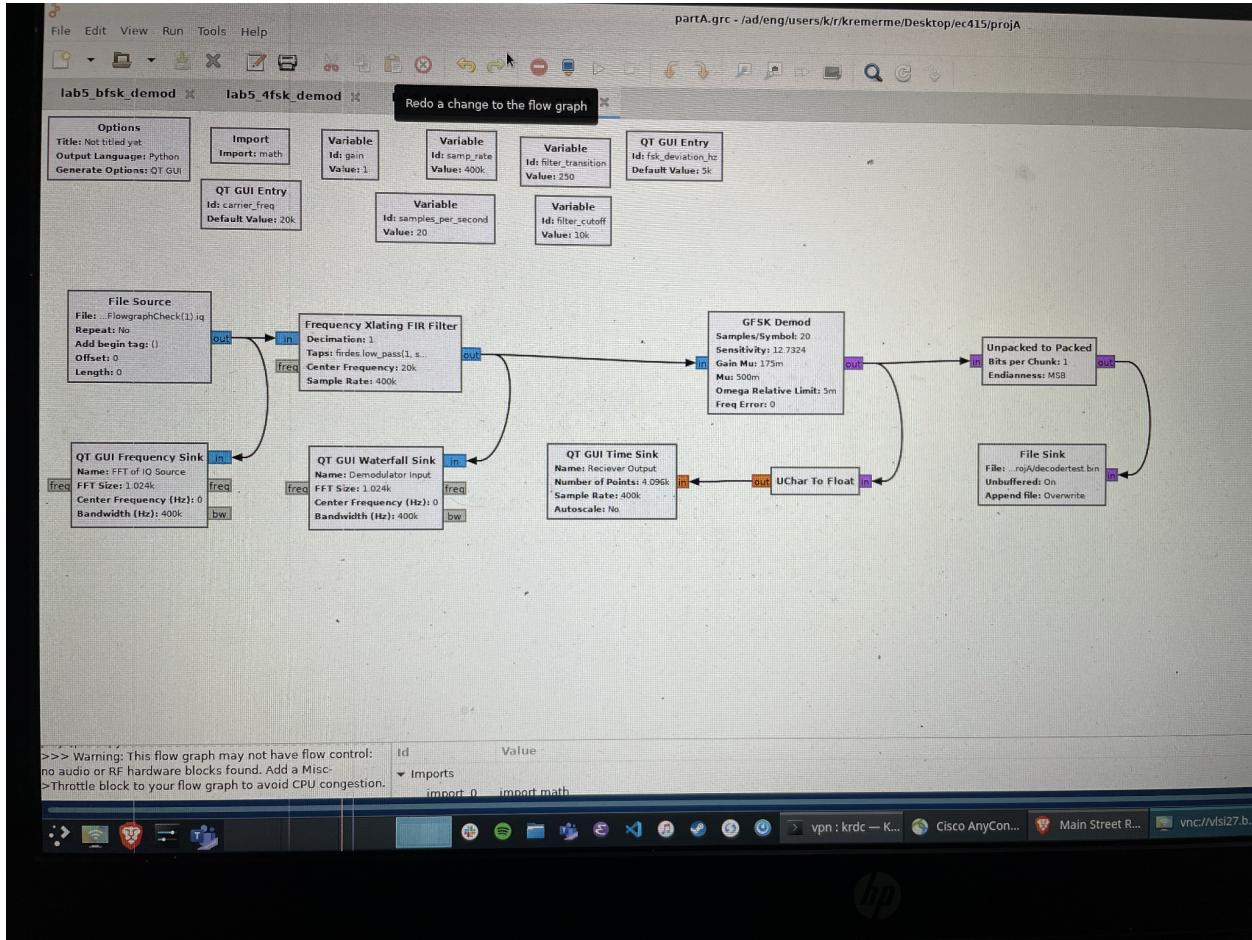


Part A

For Part A both students got a zoom chat and worked together on everything.

The following flow graph was used to implement the new gfsk receiver.



Brief explanation:

In the grc file, the file source is passed through the Frequency Xlating FIR filter which performs a frequency translation on the signal, and downsamples it by running a decimating FIR filter on it. From there, the GFSK demod block turns the signal into a stream of bits that can be packed into a file and analyzed.

The value of the CRC packet found in decoderTest.bin is

0xf5a0096f