OFDM Receiver

I am having trouble with this one for now.

I had to solve a ton of problems to get this to a point where it compiles and runs.

But I am not matching golden output yet.

I am assuming QPSK decode function takes the FFT output as input and then says where it needs to be symbol-wise.

So I just made simple if statements:

Unfortunately it is not getting the same results.

```
ofdm_recvr.cpp
                             ofdm_test.cpp
                                            🖻 fft.h
                                                   ☐ fft.cpp
                                                             ofdm_receiver_csim.log
 3 Compiling ../../../ofdm_test.cpp in debug mode
4 Generating csim.exe
5 Reading INPUTS
6 Printing INPUTS
 7 Comparing with golden output
8 miss match: i: 2049 golden: 1
                                  output: 0
9 miss match: i: 2050 golden: 2
                                 output: 0
10 miss match: i: 2051 golden: 3
                                 output: 0
11 miss match: i: 2053 golden: 1
12 miss match: i: 2054 golden: 2
                                  output: 0
                                 output: 0
13 miss match: i: 2055 golden: 3
                                 output: 0
14 miss match: i: 2057 golden: 1
                                 output: 0
15 miss match: i: 2058 golden: 2
                                 output: 0
```