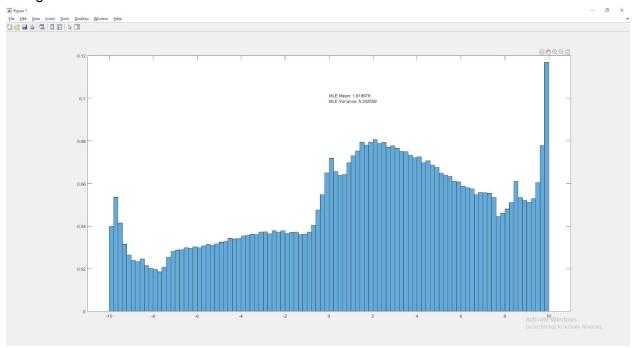
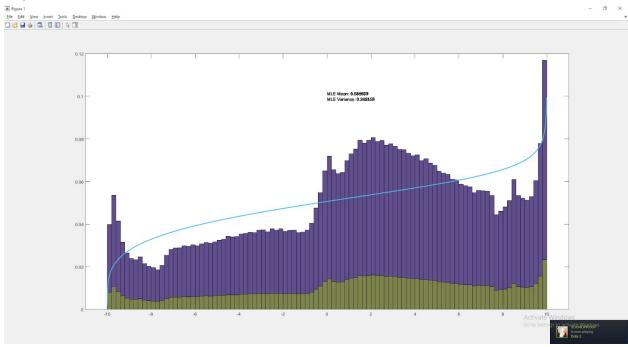


Problem 7 and 8: The data appears to be multi-modal, and the peaks do not change with a change in the number of bins



Problem 9:

Beta: Alpha/beta values [1.2404,0.09265] **Lognormal values:** [-0.76396,0.89287]



Problem 10: Beta seemed to perform the best, code will show results of log probabiliies