PS2: *Linear Feedback Shift Register and Image Encoding*

PS2a:

This assignment was to learn to register bits that shifts bits one position to the left and replaces the vacated bit by the exclusive or of the bit shifted off and the bit previously at a given tap position in the register. To test our LFSR is working, we needed to use software called boost.

I used this a class that accepts the seed and number of taps for the constructor. The step function would LFSR only once and would return the bit to test in my boost file. The generate function was essentially call the step function but would also give a condition.

I learned about what LFSR was. One big thing I learned is boost. I learned how create test cases having different conditions to test out the step and generate functions. Though, I currently can't find any use for it in my own projects.