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Programming language used: 2.7.x

Operating system used in development: Windows 10 Pro

Git repository link: <a href="https://github.com/christelledivina/cs153-mp">https://github.com/christelledivina/cs153-mp</a>

## Reflection on the development process:

- (a) I found the addition and subtraction operations easy to implement. The online calculator has a direct explanation that the Galois field addition/subtraction is just bitwise XOR.
- (b) The multiplication and division operations were difficult to implement. There was not a direct explanation on the online calculator on the step-by-step process so I had to reverse engineer the online calculator's output.

## Reference used:

- (1) <a href="http://www.ee.unb.ca/cgi-bin/tervo/calc2.pl?num=1+0+7+6&den=1+6+3&f=d&p=2&d=1&y=1&m=1">http://www.ee.unb.ca/cgi-bin/tervo/calc2.pl?num=1+0+7+6&den=1+6+3&f=d&p=2&d=1&y=1&m=1</a>
- (2) The reading on Galois Fields provided by the professor