**1.** If a divide by zero error occurs then the exception handler will provide zero as an output.

**2.** The attacker could perform a sort of man in the middle attack where they spoof the Modbus packets that go from the HMI to the PLC. The attacker could turn very color off and then set the device to auto mode. This will cause it to flash red.

**3.** The PLC can function correctly without the HMI. It will operate based off the last input it received from the HMI. The only thing that you lose is the ability to control and monitor the PLC from ScadaBR.