**Binary Counter**

**Lessons Learned**

* A careful thought-out plan was required before beginning the project build.
* When turning LEDs on/off, it’s important to control the amount of current (using resistors) for maximum brightness and minimum voltage usage.
* Working with sensitive inputs to microcontrollers will likely require a pull-up/pull-down resistor to ensure a known condition.
* When troubleshooting circuit continuity issues, be sure to remove the power source.
* Diagnosing problems requires deduction and isolation of subsystems.