Activity 2.2: *LED Blink*

Task 1: Create a New Sketch

☑ ~~Create a new sketch in the Arduino IDE program~~

Task 2: Initializing Variables

Write out each of your variables that you are going to initialize:

1. int LED1
2. int LED2
3. int ontime
4. int offtime

☑ ~~Initialize all your variables in the code~~

Task 3: Initializing Pins

Write out each of the pins that you are going to initialize using **pin.Mode**:

1. pinMide(4, OUTPUT)
2. pinMide(5, OUTPUT)

☑ ~~Initialize all your pins in the code~~

Task 4: LED Blink

What do the following values do to the LED's in the **digitalWrite(pin, value)** function?

Pin:initializes the pin with this number High: turn led on Low: turn led off

What is the value of ms in **delay(ms)** to get a 1 second delay between changing voltage? - 1000

☑ ~~Type the code to blink the LED's~~
☑ ~~Print message to the serial monitor~~
☑ ~~Prepare the LunaSat for code upload like before~~
☑ ~~Compile and upload your code~~
☑ ~~Verify LEDs blink once per second~~