

# ReflectionLog Blink LED

```
public class GettingStarted {  
    // Handle Exceptions | Exceptions will happen in your code from time to ti  
    public static void main(String[] args) throws Exception {  
        // Create | Here you've created a DigitalOutput object for your LED. An  
        DigitalOutput redLED = new DigitalOutput();  
        // Address | This tells your program where to find the device you want t  
        redLED.setHubPort(4);  
        redLED.setIsHubPortDevice(true);  
        // Open | Open establishes a connection between your object and your phy  
        redLED.open(1000);  
        // Counter to track how many times the LED has flashed  
        int flashCount = 0;  
        // Use your Phidgets | Here is where you can have some fun and use your  
        while (flashCount < 3) {  
            redLED.setState(true); //Turn LED on.  
            Thread.sleep(2000);    //Keep LED on for 2 seconds.  
            redLED.setState(false); //Turn LED off.  
            Thread.sleep(1000);    //Wait for 1 second before flashing again.  
            flashCount++;          //Increment the flash counter.  
        }  
    }  
}
```

This code controls a red LED connected to port 4 of a Phidget device. It turns the LED on for 2 seconds, then off for 1 second, repeating this process three times. The LED's on/off behavior is controlled by a DigitalOutput object, and a counter (flashCount) tracks the number of flashes. If the device cannot be found within 1 second, an exception is thrown.