

READ BUTTON REFLECTION LOG

```
import com.phidget22.*;

public class Lesson2 {
    //Handle Exceptions | Exceptions will happen in your code from time to time.
    public static void main(String[] args) throws Exception{

        //Create | Here you've created a DigitalInput object for your button. An d
        DigitalInput greenButton = new DigitalInput();

        //Address | This tells your program where to find the device you want to v
        greenButton.setHubPort(5);
        greenButton.setIsHubPortDevice(true);

        //Open | Open establishes a connection between your object and your physic
        greenButton.open(1000);

        //Use your Phidgets | Here is where you use your Phidgets! This code check
        while(true){
            if(greenButton.getState()) {
                System.out.println("Button State: " + greenButton.getState());
                Thread.sleep(150);
            }
        }
    }
}
```

I copied the given code and changed it so that every time the green button is pressed, it will print the button's state (true). While it isn't being pushed, nothing will be printed. The longer loop times such as 1000 or 5000 cause the code to miss a few buttons being pressed assuming I press the buttons fast because the program is looping while I press the button causing it to miss the input. The loop time of 10ms on the other hand gets nearly all button presses and is very reactive.