

Debugging Fun Blink1 (Solution)

Scenario: Alicia wants the two lights to blink on and off together every second. She wrote the following code:

Actual Buggy Code Behavior:

- wristband1 "on" for 1 second
- all "off" for 1 second
- wristband2 "on" for 1 second
- all "off" for 1 second.

Misconceptions: Sequence. She copied the code for one light to make it work for two.

Solution:

```
loop() {  
    digitalWrite(wristband1, HIGH); //Turn the light on  
    digitalWrite(wristband2, HIGH); //Turn the light on  
    delay(1000);  
    digitalWrite(wristband1, LOW); //Turn the light off  
    digitalWrite(wristband2, LOW); //Turn the light off  
    delay(1000);  
}
```

Notes: Also deleted two delay()'s