

Lesson 2 - Blinking LED

Lesson 3 - Introduce to Pharo object-oriented

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Experimental code

Connecting remotely

- ▶ Run this code in Playground:

```
remotePharo := TlpRemoteIDE connectTo: (TCPAddress ip: #[192
    168 1
    212] port: 40423)
GTInspector enableStepRefresh.
remoteBoard := remotePharo evaluate: [ RpiBoard3B cur
remoteBoard inspect.
```

⇒ Make a new connection to your Rpi and Open the *Remote Playground*

Experimental code

- ▶ We still assigned the LED pin to GPIO7 pin:

```
led := gpio7.  
led beDigitalOutput.
```

- ▶ To blink the LED, we create a loop to change the value of LED by time.
- ▶ We use the method *toggleDigitalValue* as previously
- ▶ For example we blink the LED every 1 second by 10 times

```
[ 10 timesRepeat: [  
  led toggleDigitalValue.  
  (Delay forSeconds: 1) wait  
] ] forkNamed: 'BlinkerProcess'.
```

⇒ Your LED is blinking now!

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Reference site for learning

<http://mooc.pharo.org/>

Use case