Code for Practical 2

```python
import RPi.GPIO as gpio
import time
gpio.setwarnings(False)
gpio.setmode(gpio.BCM) # Use board pin numbering
gpio.setup(18, gpio.OUT)

while True:
    gpio.output(18, True) # led D7 will on
    time.sleep(2)
    gpio.output(18, False) # led off
    time.sleep(2)
```

Figure 1: Practice Problem 1

```python
import RPi.GPIO as gpio
import time
leds = [18,19,20,21,22,23,24,25]
gpio.setwarnings(False)
gpio.setmode(gpio.BCM) # Use board pin numbering

for pin in leds:
    gpio.setup(pin, gpio.OUT)

while True:
    for pin in leds:
        gpio.output(pin, True)

    time.sleep(1)

    for pin in leds:
        gpio.output(pin, False)

    time.sleep(1)
```

Figure 2 : Practice Problem 2

```python
import RPi.GPIO as gpio
import time
leds = [18,19,20,21,22,23,24,25]
gpio.setwarnings(False)
gpio.setmode(gpio.BCM) # Use board pin numbering

for pin in leds:
    gpio.setup(pin, gpio.OUT)
    gpio.output(pin, False)

while True:
    for pin in leds:
        gpio.output(pin, True)
        time.sleep(1)
        gpio.output(pin, False)
```

Figure 3: Practice Problem 3