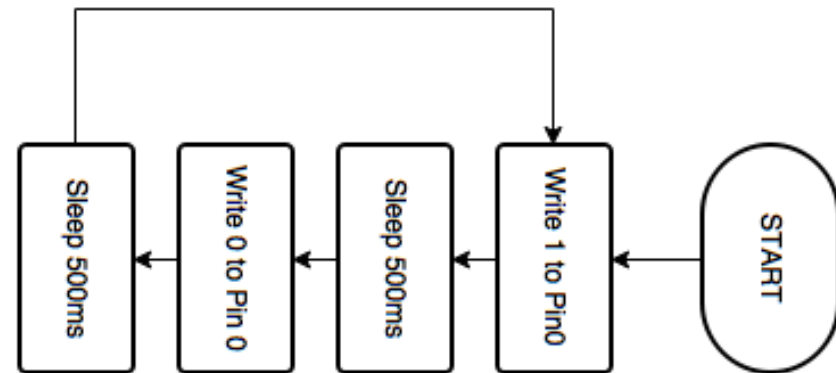


Micro:bit Project Sheet 8

Success Criteria

- Make an LED pulse

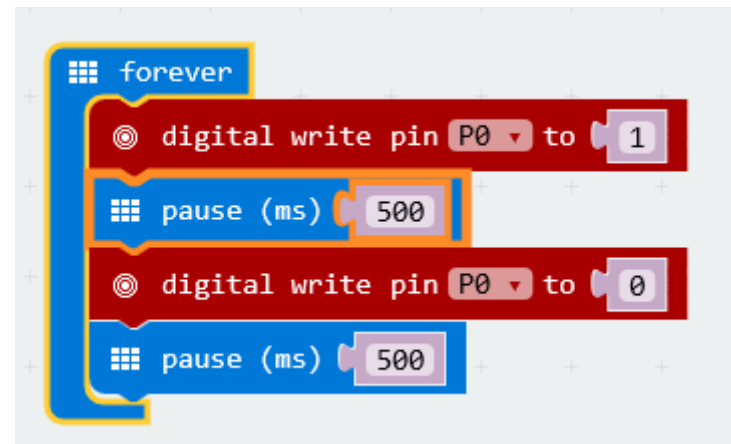
Design



µPython

```
2 from microbit import *
3
4
5
6 while True:
7     pin0.write_digital(1)
8     sleep(500)
9     pin0.write_digital(0)
10    sleep(500)
11
```

Blocks



Testing

- Does LED go on
- Is LED on for half a second
- Does LED go off

Notes—wire up as per picture

- Connect ground Micro:bit to negative rail on breadboard
- Connect negative rail on breadboard to a resistor (~330ohm—1k)
- Connect resistor to negative (short) leg on led
- Connect Pin0 from Micro:bit to positive (long) leg on LED

