PROJECT DEVELOPMENT–DELIVERY OF SPRINT-3

```python
import board
import digitalio

LED_PIN = board.D13
PIR_PIN = board.D2


pir = digitalio.Digital InOut(PIR_PIN)
pir.direction = digitalio.Direction.INPUT


led = digitalio.Digital InOut(LED_PIN)
led.direction = digitalio.Direction.OUTPUT

old_value = pir.value
while True:
    pir_value = pir.value
    if pir_value:
        led.value = True
        if not old_value:
            print('Motion detected!')
    else:
        led.value = False
        if old_value:
            print('Motion ended!')
    old_value = pir_value
```