

```

import time
from adafruit_crickit import crickit

# Access seesaw interface
ss = crickit.seesaw

# Assign sensor pins
photoresistor_1 = crickit.SIGNAL2
photoresistor_2 = crickit.SIGNAL6
moisture_sensor = crickit.SIGNAL8
relay = crickit.SIGNAL7

# Set pin modes
ss.pin_mode(photoresistor_1, ss.INPUT)
ss.pin_mode(photoresistor_2, ss.INPUT)
ss.pin_mode(moisture_sensor, ss.INPUT)
ss.pin_mode(relay, ss.OUTPUT)

print("Plant monitoring system started")

while True:
    # Read sensor values
    moisture_value = ss.analog_read(moisture_sensor)
    light1 = ss.analog_read(photoresistor_1)
    light2 = ss.analog_read(photoresistor_2)

    # Print sensor values
    print("Moisture:", moisture_value, "Light1:", light1, "Light2:", light2)

    # Control relay based on moisture
    if moisture_value > 400: # soil is dry
        ss.digital_write(relay, True) # turn pump ON
    else:
        ss.digital_write(relay, False) # turn pump OFF

    time.sleep(1)

```