I'll assume you have a sensor that provides data via a function called `get_air_quality_data()`.

In this script,the`get_air_quality_data()` function is a placeholder for the actual function you would use to retrieve air quality data from your sensor. The `check_air_quality()` function displays the air quality data and performs actions based on predefined threshold values.

Please make sure to replace the hypothetical `get_air_quality_data()` function with the appropriate code to read data from your specific sensor. Also, customize the threshold values and actions according to your requirements.

Remember to install any necessary libraries for your sensor, if required, using tools like `pip`.

```python

# Import necessary libraries (you may need additional libraries based on your sensor)

Import time

# Function to get air quality data from the sensor (hypothetical function)

Def get_air_quality_data():

    # Replace this with actual code to get data from your sensor

    # For example, if you have a sensor object named 'sensor':

    # return sensor.get_air_quality()

    # For this example, let's assume the data is (PM2.5, PM10, CO2)

    Return (25, 35, 400)

# Function to check air quality and display the result

Def check_air_quality():

    Pm25, pm10, co2 = get_air_quality_data()

    Print(f'PM2.5: {pm25} µg/m³')

    Print(f'PM10: {pm10} µg/m³')

    Print(f'CO2: {co2} ppm')

    # Add your own air quality threshold values and corresponding actions here

    If pm25 > 50:

        Print('Warning: High PM2.5 level detected!')

        # Add actions to be taken for high PM2.5 level

    If pm10 > 50:

        Print('Warning: High PM10 level detected!')
        # Add actions to be taken for high PM10 level
    If co2 > 1000:
        Print('Warning: High CO2 level detected!')
        # Add actions to be taken for high CO2 level
# Continuous monitoring loop
While True:
    Check_air_quality()
    # Adjust the sleep time (in seconds) based on your desired monitoring frequency
    Time.sleep(60)  # Sleep for 1 minute before checking again
```