

```
void connectWiFi() {  
    while (status != WL_CONNECTED) {  
        status = WiFi.begin(wifi_ssid, wifi_password);  
        delay(3000); // wait 3 seconds  
    }  
    printWiFiStatus();  
}
```

```
void loop() {  
    mqtt.loop();  
  
    if (!mqtt.connected()) {  
        connectMQTT();  
    }  
  
    if (millis() - lastMillis > publishInterval) {  
        lastMillis = millis();  
  
        float temperature = dht.readTemperature(true);  
        float humidity = dht.readHumidity();
```