```
void connectMQTT() {
  mqtt.setId(clientId);
  mqtt.setUsernamePassword(username, password);

  while (!mqtt.connect(server, port)) {
    delay(500);
  }

  mqtt.subscribe(ledTopic);
}
```

```cpp
void messageReceived(int messageSize) {
  String payload = mqtt.readString();
  if (payload == "ON") {
    // turn the LED on
    digitalWrite(LED_BUILTIN, HIGH);
  } else if (payload == "OFF") {
    // turn the LED off
    digitalWrite(LED_BUILTIN, LOW);
  }
}
```