

```

const mqtt = require('mqtt');
const client = mqtt.connect(mqtt://localhost:1883);
fahrenheitToCelsius = (fahrenheit) => {
  var fTempVal = parseFloat(fahrenheit);
  var cTempVal = (fTempVal - 32) * (5 / 9);
  return (Math.round(cTempVal * 100) / 100);
}
client.on('message', function (topic, message) {
  // message is buffer
  var stringBuf = message && message.toString('utf-8')
  try {
    var json = JSON.parse(stringBuf);
    // console.log(json);
    if (json.model === 'inFactory sensor') {
      if (json.id === 91 || json.id === 32) {
        // catch my specific sensor model
        if (json.temperature_F && json.humidity) {
          // add data to lowdb
          const time = moment.utc(json.time).tz("Europe/Berlin");
          const formattedTime = time.format('YYYY-MM-DD HH:mm:ss');
          console.log('write post');
          db.get('posts')
            .push({ id: uuid.v1(), room: json.id, temp:
              fahrenheitToCelsius(json.temperature_F),
              humidity: json.humidity, time: formattedTime
            }).write()
        }
      }
    }
  } catch (e) {
    console.error(stringBuf);
  }
})

```