# SOURCE CODE 3

## Node-Red

```
[{
    "id": "6f6388ce.d66ff8",
    "type": "tab",
    "label": "Smart Home ",
    "disabled": false,
    "info": ""
}, {
    "id": "de32937c.1a4b2",
    "type": "ibmiot in",
    "z": "6f6388ce.d66ff8",
    "authentication": "apiKey",
    "apiKey": "a-kd5lkd-oixaiqhhq",
    "inputType": "evt",
    "logicalInterface": "",
    "ruleId": "",
    "deviceId": "12345678",
    "applicationId": "",
    "deviceType": "ibm",
    "eventType": "+",
    "commandType": "",
    "format": "json",
```

        "name": "IBM IoT",

        "service": "registered",

        "allDevices": "",

        "allApplications": "",

        "allDeviceTypes": "",

        "allLogicalInterfaces": "",

        "allEvents": true,

        "allCommands": "",

        "allFormats": "",

        "qos": 0,

        "x": 150,

        "y": 180,

        "wires": [

            ["2fb9a728.2ccc08", "208f2a16.9d59d6", "239c7838.492078"]

        ]

    }, {

        "id": "b6c95a77.4b92b8",

        "type": "ui_gauge",

        "z": "6f6388ce.d66ff8",

        "name": "",

        "group": "685411b5.493c9",

        "order": 0,

        "width": "6",

        "height": "5",

        "gtype": "gage",

```
        "title": "Humidity",

        "label": "%",

        "format": "{{value}}",

        "min": 0,

        "max": "100",

        "colors": ["#00b500", "#e6e600", "#ca3838"],

        "seg1": "",

        "seg2": "",

        "x": 680,

        "y": 80,

        "wires": []

    }, {

        "id": "9c9891e9.2a40d",

        "type": "ui_gauge",

        "z": "6f6388ce.d66ff8",

        "name": "",

        "group": "685411b5.493c9",

        "order": 0,

        "width": "6",

        "height": "5",

        "gtype": "gage",

        "title": "Temperature",

        "label": "°C",

        "format": "{{value}}",

        "min": 0,
```

```json
        "max": "100",

        "colors": ["#00b500", "#e6e600", "#ca3838"],

        "seg1": "",

        "seg2": "",

        "x": 710,

        "y": 260,

        "wires": []

    }, {

        "id": "208f2a16.9d59d6",

        "type": "function",

        "z": "6f6388ce.d66ff8",

        "name": "Temperature",

        "func": "msg.payload=msg.payload.d.temperature;\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "x": 410,

        "y": 260,

        "wires": [

            ["9c9891e9.2a40d", "239c7838.492078"]

        ]

    }, {

        "id": "2fb9a728.2ccc08",

        "type": "function",

        "z": "6f6388ce.d66ff8",

        "name": "Humidity",
```

```json
    "func": "msg.payload=msg.payload.d.humidity;\nreturn msg;",
    "outputs": 1,
    "noerr": 0,
    "x": 400,
    "y": 100,
    "wires": [
        ["b6c95a77.4b92b8", "239c7838.492078"]
    ]
}, {
    "id": "239c7838.492078",
    "type": "debug",
    "z": "6f6388ce.d66ff8",
    "name": "",
    "active": false,
    "tosidebar": true,
    "console": false,
    "tostatus": false,
    "complete": "false",
    "x": 690,
    "y": 180,
    "wires": []
}, {
    "id": "1ec706a1.aa2fc9",
    "type": "ibmiot out",
    "z": "6f6388ce.d66ff8",
```

        "authentication": "apiKey",

        "apiKey": "a-kd5lkd-oixaiqhnhq",

        "outputType": "cmd",

        "deviceId": "kd5lkd",

        "deviceType": "ibm",

        "eventCommandType": "Home",

        "format": "String",

        "data": "Data",

        "qos": 0,

        "name": "IBM IoT",

        "service": "registered",

        "x": 620,

        "y": 360,

        "wires": []
    }, {
        "id": "625c4c91.2ea774",

        "type": "ui_button",

        "z": "6f6388ce.d66ff8",

        "name": "",

        "group": "685411b5.493c9",

        "order": 1,

        "width": "0",

        "height": "0",

        "passthru": false,

        "label": "LIGHTON",

"tooltip": "",

"color": "",

"bgcolor": "",

"icon": "",

"payload": "Lighton",

"payloadType": "str",

"topic": "",

"x": 320,

"y": 340,

"wires": [

    ["1ec706a1.aa2fc9"]

]

}, {

"id": "6ed71e25.29fd6",

"type": "ui_button",

"z": "6f6388ce.d66ff8",

"name": "",

"group": "685411b5.493c9",

"order": 2,

"width": "0",

"height": "0",

"passthru": false,

"label": "LIGHTOFF",

"tooltip": "",

"color": "",

```json
        "bgcolor": "",
        "icon": "",
        "payload": "lightoff",
        "payloadType": "str",
        "topic": "",
        "x": 330,
        "y": 420,
        "wires": [
            ["1ec706a1.aa2fc9"]
        ]
    }, {
        "id": "233183d6.16ba7c",
        "type": "ibmiot",
        "z": "",
        "name": "",
        "keepalive": "60",
        "serverName": "",
        "cleansession": true,
        "appId": "",
        "shared": false
    }, {
        "id": "685411b5.493c9",
        "type": "ui_group",
        "z": "",
        "name": "Smart Home",
```

```json
        "tab": "2b496a4f.9c2286",

        "order": 1,

        "disp": true,

        "width": "6",

        "collapse": false

    }, {

        "id": "2b496a4f.9c2286",

        "type": "ui_tab",

        "z": "",

        "name": "Smart Home",

        "icon": "dashboard",

        "disabled": false,

        "hidden": false

    }]
```