FLOWS.JSN

```
[
    {
        "id": "6ed1189c17ed0439",
        "type": "tab",
        "label": "Flow 1",
        "disabled": false,
        "info": "",
        "env": []
    },
    {
        "id": "ce1790a002f55f3a",
        "type": "ibmiot in",
        "z": "6ed1189c17ed0439",
        "authentication": "apiKey",
        "apiKey": "bf9996433728395e",
        "inputType": "evt",
        "logicalInterface": "",
        "ruleId": "",
        "deviceId": "BIN1ID",
        "applicationId": "",
        "deviceType": "BIN1",
        "eventType": "+",
        "commandType": "",
        "format": "json",
        "name": "IBM IoT",
        "service": "registered",
        "allDevices": "",
        "allApplications": "",
        "allDeviceTypes": false,
        "allLogicalInterfaces": "",
```

```json
        "allEvents": true,
        "allCommands": "",
        "allFormats": "",
        "qos": 0,
        "x": 250,
        "y": 180,
        "wires": [
            [
                "b678812da97d9d1a",
                "f720c62cad238799",
                "35b263513ea4f373"
            ]
        ]
    },
    {
        "id": "b678812da97d9d1a",
        "type": "debug",
        "z": "6ed1189c17ed0439",
        "name": "msg.payload",
        "active": true,
        "tosidebar": true,
        "console": false,
        "tostatus": false,
        "complete": "payload",
        "targetType": "msg",
        "statusVal": "",
        "statusType": "auto",
        "x": 610,
        "y": 180,
        "wires": []
    },
    {
```

```
    "id": "f720c62cad238799",

    "type": "function",

    "z": "6ed1189c17ed0439",

    "name": "Distance 1",

    "func": "msg.payload = msg.payload.dist\nglobal.set('d',msg.payload)\nreturn msg;",

    "outputs": 1,

    "noerr": 0,

    "initialize": "",

    "finalize": "",

    "libs": [],

    "x": 430,

    "y": 220,

    "wires": [

      [

         "5dcbaf252dc78b06",

         "b678812da97d9d1a"

      ]

    ]

},

{

    "id": "35b263513ea4f373",

    "type": "function",

    "z": "6ed1189c17ed0439",

    "name": "LOAD cell 1",

    "func": "msg.payload =msg. payload.load\nglobal.set('l', msg.payload)\nreturn msg;",

    "outputs": 1,

    "noerr": 0,

    "initialize": "",

    "finalize": "",

    "libs": [],

    "x": 430,

    "y": 300,
```

```json
        "wires": [
            [
                "b7ac8ba401c6cab8"
            ]
        ]
    },
    {
        "id": "5dcbaf252dc78b06",
        "type": "ui_gauge",
        "z": "6ed1189c17ed0439",
        "name": "",
        "group": "f3b64a4198b3c46c",
        "order": 1,
        "width": 4,
        "height": 4,
        "gtype": "gage",
        "title": "Distance 1",
        "label": "Cm",
        "format": "{{value}}",
        "min": 0,
        "max": "100",
        "colors": [
            "#00b500",
            "#e6e600",
            "#ca3838"
        ],
        "seg1": "",
        "seg2": "",
        "className": "",
        "x": 710,
        "y": 240,
        "wires": []
```

```json
    },
    {
        "id": "b7ac8ba401c6cab8",
        "type": "ui_gauge",
        "z": "6ed1189c17ed0439",
        "name": "",
        "group": "f3b64a4198b3c46c",
        "order": 2,
        "width": 4,
        "height": 4,
        "gtype": "gage",
        "title": "LOAD CELL 1",
        "label": "KG",
        "format": "{{value}}",
        "min": 0,
        "max": "100",
        "colors": [
            "#00b500",
            "#e6e600",
            "#ca3838"
        ],
        "seg1": "",
        "seg2": "",
        "className": "",
        "x": 720,
        "y": 300,
        "wires": []
    },
    {
        "id": "5de18859cabb1a5d",
        "type": "http in",
        "z": "6ed1189c17ed0439",
```

```json
        "name": "",
        "url": "/sensor",
        "method": "get",
        "upload": false,
        "swaggerDoc": "",
        "x": 210,
        "y": 420,
        "wires": [
            [
                "80650c336af78c61"
            ]
        ]
    },
    {
        "id": "5ab7d1be9c4e2831",
        "type": "http response",
        "z": "6ed1189c17ed0439",
        "name": "",
        "statusCode": "",
        "headers": {},
        "x": 710,
        "y": 400,
        "wires": []
    },
    {
        "id": "80650c336af78c61",
        "type": "function",
        "z": "6ed1189c17ed0439",
        "name": "function 1",
        "func": "msg.payload = { \"dist\": global.get('d'), \"load\": global.get('l')}\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
```

```json
        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 460,

        "y": 420,

        "wires": [

            [

                "5ab7d1be9c4e2831"

            ]

        ]

    },

    {

        "id": "e0022c1a3e189dea",

        "type": "ibmiot in",

        "z": "6ed1189c17ed0439",

        "authentication": "apiKey",

        "apiKey": "bf9996433728395e",

        "inputType": "evt",

        "logicalInterface": "",

        "ruleId": "",

        "deviceId": "BIN2ID",

        "applicationId": "",

        "deviceType": "BIN2",

        "eventType": "+",

        "commandType": "",

        "format": "json",

        "name": "IBM IoT",

        "service": "registered",

        "allDevices": "",

        "allApplications": "",

        "allDeviceTypes": false,

        "allLogicalInterfaces": "",
```

```json
        "allEvents": true,
        "allCommands": "",
        "allFormats": "",
        "qos": 0,
        "x": 250,
        "y": 500,
        "wires": [
            [
                "2a22e946c6d5f734",
                "233a55d8b0e40a46",
                "a5ed197df7ced05a"
            ]
        ]
    },
    {
        "id": "233a55d8b0e40a46",
        "type": "function",
        "z": "6ed1189c17ed0439",
        "name": "Distance 2",
        "func": "msg.payload = msg.payload.dist\nglobal.set('d',msg.payload)\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 450,
        "y": 540,
        "wires": [
            [
                "2a22e946c6d5f734",
                "9b44a1863803e38a"
            ]
```

```json
        ]
    },
    {
        "id": "a5ed197df7ced05a",
        "type": "function",
        "z": "6ed1189c17ed0439",
        "name": "LOAD cell 2",
        "func": "msg.payload =msg. payload.load\nglobal.set('l', msg.payload)\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 450,
        "y": 600,
        "wires": [
            [
                "40ccb32035a0f55f"
            ]
        ]
    },
    {
        "id": "2a22e946c6d5f734",
        "type": "debug",
        "z": "6ed1189c17ed0439",
        "name": "msg.payload",
        "active": true,
        "tosidebar": true,
        "console": false,
        "tostatus": false,
        "complete": "payload",
        "targetType": "msg",
```

```json
        "statusVal": "",

        "statusType": "auto",

        "x": 650,

        "y": 480,

        "wires": []

    },

    {

        "id": "9b44a1863803e38a",

        "type": "ui_gauge",

        "z": "6ed1189c17ed0439",

        "name": "",

        "group": "f3b64a4198b3c46c",

        "order": 4,

        "width": 4,

        "height": 4,

        "gtype": "gage",

        "title": "Distance 2",

        "label": "Cm",

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

        "min": 0,

        "max": "100",

        "colors": [

            "#00b500",

            "#e6e600",

            "#ca3838"

        ],

        "seg1": "",

        "seg2": "",

        "className": "",

        "x": 710,

        "y": 540,

        "wires": []
```

        },
        {
            "id": "40ccb32035a0f55f",
            "type": "ui_gauge",
            "z": "6ed1189c17ed0439",
            "name": "",
            "group": "f3b64a4198b3c46c",
            "order": 5,
            "width": 4,
            "height": 4,
            "gtype": "gage",
            "title": "LOAD CELL 2",
            "label": "KG",
            "format": "{{value}}",
            "min": 0,
            "max": "100",
            "colors": [
                "#00b500",
                "#e6e600",
                "#ca3838"
            ],
            "seg1": "",
            "seg2": "",
            "className": "",
            "x": 720,
            "y": 580,
            "wires": []
        },
        {
            "id": "60298a7291818343",
            "type": "http in",
            "z": "6ed1189c17ed0439",

```
        "name": "",

        "url": "/sensor",

        "method": "get",

        "upload": false,

        "swaggerDoc": "",

        "x": 190,

        "y": 660,

        "wires": [

            [

                "616151913ceb65e2"

            ]

        ]

    },

    {

        "id": "616151913ceb65e2",

        "type": "function",

        "z": "6ed1189c17ed0439",

        "name": "function 2",

        "func": "msg.payload = { \"dist\": global.get('d'), \"load\": global.get('l')}\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 420,

        "y": 660,

        "wires": [

            [

                "332391e22b2af8e8"

            ]

        ]

    },
```

```json
    {
        "id": "332391e22b2af8e8",
        "type": "http response",
        "z": "6ed1189c17ed0439",
        "name": "",
        "statusCode": "",
        "headers": {},
        "x": 670,
        "y": 660,
        "wires": []
    },
    {
        "id": "4d33e05e616db2bb",
        "type": "ibmiot in",
        "z": "6ed1189c17ed0439",
        "authentication": "apiKey",
        "apiKey": "bf9996433728395e",
        "inputType": "evt",
        "logicalInterface": "",
        "ruleId": "",
        "deviceId": "BIN3ID",
        "applicationId": "",
        "deviceType": "BIN3",
        "eventType": "+",
        "commandType": "",
        "format": "json",
        "name": "IBM IoT",
        "service": "registered",
        "allDevices": "",
        "allApplications": "",
        "allDeviceTypes": false,
        "allLogicalInterfaces": "",
```

```json
      "allEvents": true,
      "allCommands": "",
      "allFormats": "",
      "qos": 0,
      "x": 250,
      "y": 760,
      "wires": [
        [
          "c7ddb56ba52e82df",
          "fbf611802e58a9d1",
          "231892da1f5ab0fb"
        ]
      ]
  },
  {
      "id": "1c11c86fbb36f097",
      "type": "http in",
      "z": "6ed1189c17ed0439",
      "name": "",
      "url": "/sensor",
      "method": "get",
      "upload": false,
      "swaggerDoc": "",
      "x": 190,
      "y": 900,
      "wires": [
        [
          "cdea8fe7bd7a2f5e"
        ]
      ]
  },
  {
```

```json
        "id": "c49cd92e337f886b",
        "type": "debug",
        "z": "6ed1189c17ed0439",
        "name": "msg.payload",
        "active": true,
        "tosidebar": true,
        "console": false,
        "tostatus": false,
        "complete": "payload",
        "targetType": "msg",
        "statusVal": "",
        "statusType": "auto",
        "x": 750,
        "y": 940,
        "wires": []
    },
    {
        "id": "c7ddb56ba52e82df",
        "type": "debug",
        "z": "6ed1189c17ed0439",
        "name": "msg.payload",
        "active": true,
        "tosidebar": true,
        "console": false,
        "tostatus": false,
        "complete": "payload",
        "targetType": "msg",
        "statusVal": "",
        "statusType": "auto",
        "x": 690,
        "y": 760,
        "wires": []
```

```
    },
    {
        "id": "71be31afc89560dd",
        "type": "function",
        "z": "6ed1189c17ed0439",
        "name": "Distance 4",
        "func": "msg.payload = msg.payload.dist\nglobal.set('d',msg.payload)\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 470,
        "y": 980,
        "wires": [
            [
                "c49cd92e337f886b",
                "b88ea394cc4571c3"
            ]
        ]
    },
    {
        "id": "fbf611802e58a9d1",
        "type": "function",
        "z": "6ed1189c17ed0439",
        "name": "Distance 3",
        "func": "msg.payload = msg.payload.dist\nglobal.set('d',msg.payload)\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
```

```
        "x": 470,
        "y": 780,
        "wires": [
            [
                "c7ddb56ba52e82df",
                "240d2e6c8f487fd8"
            ]
        ]
    },
    {
        "id": "231892da1f5ab0fb",
        "type": "function",
        "z": "6ed1189c17ed0439",
        "name": "LOAD cell 3",
        "func": "msg.payload =msg. payload.load\nglobal.set('l', msg.payload)\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 470,
        "y": 820,
        "wires": [
            [
                "e18c17929284e061"
            ]
        ]
    },
    {
        "id": "a0cbff62cdd2e77c",
        "type": "function",
        "z": "6ed1189c17ed0439",
```

      "name": "LOAD cell 4",

      "func": "msg.payload =msg. payload.load\nglobal.set('l', msg.payload)\nreturn msg;",

      "outputs": 1,

      "noerr": 0,

      "initialize": "",

      "finalize": "",

      "libs": [],

      "x": 470,

      "y": 1020,

      "wires": [

        [

          "c7a15e2a5bf9c2da"

        ]

      ]

    },

    {

      "id": "cdea8fe7bd7a2f5e",

      "type": "function",

      "z": "6ed1189c17ed0439",

      "name": "function 3",

      "func": "msg.payload = { \"dist\": global.get('d'), \"load\": global.get('l')}\nreturn msg;",

      "outputs": 1,

      "noerr": 0,

      "initialize": "",

      "finalize": "",

      "libs": [],

      "x": 420,

      "y": 900,

      "wires": [

        [

          "9bfb685be1503933"

        ]

```
        ]
    },
    {
        "id": "9bfb685be1503933",
        "type": "http response",
        "z": "6ed1189c17ed0439",
        "name": "",
        "statusCode": "",
        "headers": {},
        "x": 690,
        "y": 900,
        "wires": []
    },
    {
        "id": "240d2e6c8f487fd8",
        "type": "ui_gauge",
        "z": "6ed1189c17ed0439",
        "name": "",
        "group": "f3b64a4198b3c46c",
        "order": 15,
        "width": 4,
        "height": 4,
        "gtype": "gage",
        "title": "Distance 3",
        "label": "Cm",
        "format": "{{value}}",
        "min": 0,
        "max": "100",
        "colors": [
            "#00b500",
            "#e6e600",
            "#ca3838"
```

```json
        ],
        "seg1": "",
        "seg2": "",
        "className": "",
        "x": 830,
        "y": 800,
        "wires": []
    },
    {
        "id": "b88ea394cc4571c3",
        "type": "ui_gauge",
        "z": "6ed1189c17ed0439",
        "name": "",
        "group": "f3b64a4198b3c46c",
        "order": 18,
        "width": 4,
        "height": 4,
        "gtype": "gage",
        "title": "Distance 4",
        "label": "Cm",
        "format": "{{value}}",
        "min": 0,
        "max": "100",
        "colors": [
            "#00b500",
            "#e6e600",
            "#ca3838"
        ],
        "seg1": "",
        "seg2": "",
        "className": "",
        "x": 750,
```

        "y": 1000,

        "wires": []

    },

    {

        "id": "e18c17929284e061",

        "type": "ui_gauge",

        "z": "6ed1189c17ed0439",

        "name": "",

        "group": "f3b64a4198b3c46c",

        "order": 16,

        "width": 4,

        "height": 4,

        "gtype": "gage",

        "title": "LOAD CELL 3",

        "label": "KG",

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

        "min": 0,

        "max": "100",

        "colors": [

            "#00b500",

            "#e6e600",

            "#ca3838"

        ],

        "seg1": "",

        "seg2": "",

        "className": "",

        "x": 840,

        "y": 840,

        "wires": []

    },

    {

        "id": "147146a0342debce",

"type": "ibmiot in",

"z": "6ed1189c17ed0439",

"authentication": "apiKey",

"apiKey": "bf9996433728395e",

"inputType": "evt",

"logicalInterface": "",

"ruleId": "",

"deviceId": "BIN4ID",

"applicationId": "",

"deviceType": "BIN4",

"eventType": "+",

"commandType": "",

"format": "json",

"name": "IBM IoT",

"service": "registered",

"allDevices": "",

"allApplications": "",

"allDeviceTypes": false,

"allLogicalInterfaces": "",

"allEvents": true,

"allCommands": "",

"allFormats": "",

"qos": 0,

"x": 230,

"y": 1000,

"wires": [

  [

    "71be31afc89560dd",

    "a0cbff62cdd2e77c",

    "c49cd92e337f886b"

  ]

]

```json
        },
        {
            "id": "c7a15e2a5bf9c2da",
            "type": "ui_gauge",
            "z": "6ed1189c17ed0439",
            "name": "",
            "group": "f3b64a4198b3c46c",
            "order": 19,
            "width": 4,
            "height": 4,
            "gtype": "gage",
            "title": "LOAD CELL 4",
            "label": "KG",
            "format": "{{value}}",
            "min": 0,
            "max": "100",
            "colors": [
                "#00b500",
                "#e6e600",
                "#ca3838"
            ],
            "seg1": "",
            "seg2": "",
            "className": "",
            "x": 760,
            "y": 1040,
            "wires": []
        },
        {
            "id": "3cec67f2e3359287",
            "type": "http in",
            "z": "6ed1189c17ed0439",
```

        "name": "",

        "url": "/sensor",

        "method": "get",

        "upload": false,

        "swaggerDoc": "",

        "x": 230,

        "y": 1080,

        "wires": [

            [

                "c08f7bb853942b70"

            ]

        ]

    },

    {

        "id": "c08f7bb853942b70",

        "type": "function",

        "z": "6ed1189c17ed0439",

        "name": "function 4",

        "func": "msg.payload = { \"dist\": global.get('d'), \"load\": global.get('l')}\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 460,

        "y": 1080,

        "wires": [

            [

                "07773f295c5a783c"

            ]

        ]

    },

```json
    {
        "id": "07773f295c5a783c",
        "type": "http response",
        "z": "6ed1189c17ed0439",
        "name": "",
        "statusCode": "",
        "headers": {},
        "x": 670,
        "y": 1080,
        "wires": []
    },
    {
        "id": "517648d26c93720d",
        "type": "ui_spacer",
        "z": "6ed1189c17ed0439",
        "name": "spacer",
        "group": "f3b64a4198b3c46c",
        "order": 3,
        "width": 4,
        "height": 1
    },
    {
        "id": "e3086afde0717b7f",
        "type": "ui_spacer",
        "z": "6ed1189c17ed0439",
        "name": "spacer",
        "group": "f3b64a4198b3c46c",
        "order": 6,
        "width": 4,
        "height": 1
    },
    {
```

    "id": "329502bdd11bd52a",

    "type": "ui_spacer",

    "z": "6ed1189c17ed0439",

    "name": "spacer",

    "group": "f3b64a4198b3c46c",

    "order": 7,

    "width": 4,

    "height": 1

},

{

    "id": "7321a3216f223378",

    "type": "ui_spacer",

    "z": "6ed1189c17ed0439",

    "name": "spacer",

    "group": "f3b64a4198b3c46c",

    "order": 8,

    "width": 4,

    "height": 1

},

{

    "id": "f830dc54889698c4",

    "type": "ui_spacer",

    "z": "6ed1189c17ed0439",

    "name": "spacer",

    "group": "f3b64a4198b3c46c",

    "order": 9,

    "width": 4,

    "height": 1

},

{

    "id": "3e4d0a1c6525c3dd",

    "type": "ui_spacer",

        "z": "6ed1189c17ed0439",

        "name": "spacer",

        "group": "f3b64a4198b3c46c",

        "order": 10,

        "width": 4,

        "height": 1

    },

    {

        "id": "f5fa3cc71404c6c2",

        "type": "ui_spacer",

        "z": "6ed1189c17ed0439",

        "name": "spacer",

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        "order": 12,

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        "name": "spacer",

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    "name": "spacer",

    "group": "f3b64a4198b3c46c",

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    "width": 4,

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    "name": "spacer",

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      "height": 1
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      "type": "ui_spacer",
      "z": "6ed1189c17ed0439",
      "name": "spacer",
      "group": "f3b64a4198b3c46c",
      "order": 22,
      "width": 4,
      "height": 1
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      "type": "ui_spacer",
      "z": "6ed1189c17ed0439",
      "name": "spacer",
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        "group": "f3b64a4198b3c46c",
        "order": 24,
        "width": 4,
        "height": 1
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        "order": 25,
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        "height": 1
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        "name": "Gogul",

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        "appId": "",

        "shared": false

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        "order": 2,

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        "collapse": false,

        "className": ""

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        "type": "ui_tab",

        "name": "control",

        "icon": "control",

        "disabled": false,

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