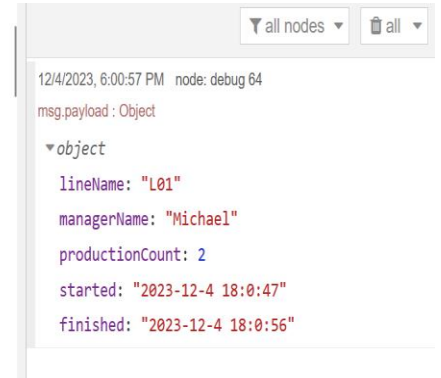
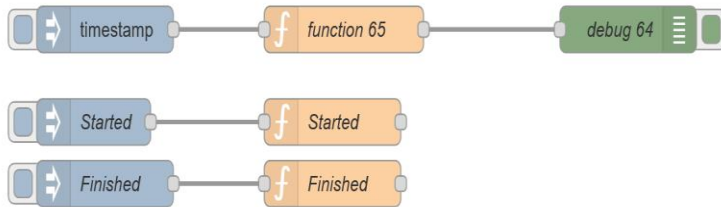


Project 1 - Solution

Feel free to use the project solution for your reference:



```
[
  {
    "id": "9ff70d13b2766aaf",
    "type": "inject",
    "z": "562363d4087c92d2",
    "name": "",
    "props": [
      {
        "p": "payload"
      },
      {
        "p": "topic",
        "vt": "str"
      }
    ],
    "repeat": "",
    "crontab": "",
    "once": false,
```

```
"onceDelay": 0.1,
"topic": "",
"payload": "",
"payloadType": "date",
"x": 140,
"y": 180,
"wires": [
  [
    "7ffc0b4f3b38070b"
  ]
]
},
{
  "id": "7ffc0b4f3b38070b",
  "type": "function",
  "z": "562363d4087c92d2",
  "name": "function 65",
  "func": "var productionStatus = {\n  lineName : 'L01',\n  managerName : 'Michael',\n  productionCount : Math.floor(Math.random()*100),\n  started : flow.get('started'),\n  finished: flow.get('finished')\n};\nmsg.payload = productionStatus;\nreturn msg;",
  "outputs": 1,
  "timeout": 0,
  "noerr": 0,
  "initialize": "",
  "finalize": "",
  "libs": [],
  "x": 350,
  "y": 180,
```

```
"wires": [  
  [  
    "49351d9bdb0a8943"  
  ]  
]  
,  
{  
  "id": "49351d9bdb0a8943",  
  "type": "debug",  
  "z": "562363d4087c92d2",  
  "name": "debug 64",  
  "active": true,  
  "tosidebar": true,  
  "console": false,  
  "tostatus": false,  
  "complete": "false",  
  "statusVal": "",  
  "statusType": "auto",  
  "x": 600,  
  "y": 180,  
  "wires": []  
},  
{  
  "id": "4af534b35022f1d1",  
  "type": "inject",  
  "z": "562363d4087c92d2",  
  "name": "Started",  
  "props": [  
    {  
      "name": "value",  
      "value": "true",  
      "type": "bool",  
      "wires": []  
    }  
  ]  
}
```

```
{
  "p": "payload"
},
{
  "p": "topic",
  "vt": "str"
}
],
"repeat": "",
"crontab": "",
"once": false,
"onceDelay": 0.1,
"topic": "",
"payload": "",
"payloadType": "date",
"x": 130,
"y": 240,
"wires": [
  [
    "d980b8d56bb20afe"
  ]
]
},
{
  "id": "d980b8d56bb20afe",
  "type": "function",
  "z": "562363d4087c92d2",
  "name": "Started",
```

```
"func": "var dateTime = new Date();\nvar started = dateTime.getFullYear() + '-' +  
(dateTime.getMonth()+1) + '-' + dateTime.getDate() + '\\ ' + dateTime.getHours() + '\\:\\' +  
dateTime.getMinutes() + ':' + dateTime.getSeconds();\nflow.set('started',started);\n",
```

```
"outputs": 1,
```

```
"timeout": 0,
```

```
"noerr": 0,
```

```
"initialize": "",
```

```
"finalize": "",
```

```
"libs": [],
```

```
"x": 340,
```

```
"y": 240,
```

```
"wires": [  
  [  
    [  
      [  
        [  
          [  
            [  
              [  
                [  
                  [  
                    [  
                      [  
                        [  
                          [  
                        ]  
                      ]  
                    ]  
                  ]  
                ]  
              ]  
            ]  
          ]  
        ]  
      ]  
    ]  
  ]  
],
```

```
},
```

```
{
```

```
  "id": "57ce5628a13ac326",
```

```
  "type": "inject",
```

```
  "z": "562363d4087c92d2",
```

```
  "name": "Finished",
```

```
  "props": [  
    {  
      "p": "payload"
```

```
    },
```

```
    {  
      "p": "topic",
```

```
      "vt": "str"
```

```
    }  
  ],
```

```
],
```

```
"repeat": "",
"crontab": "",
"once": false,
"onceDelay": 0.1,
"topic": "",
"payload": "",
"payloadType": "date",
"x": 140,
"y": 280,
"wires": [
  [
    "1a7b2bc600097329"
  ]
],
},
{
  "id": "1a7b2bc600097329",
  "type": "function",
  "z": "562363d4087c92d2",
  "name": "Finished",
  "func": "var dateTime = new Date();\nvar finished = dateTime.getFullYear() + '-' +\n(dateTime.getMonth()+1) + '-' + dateTime.getDate() + '\\ \\ ' + dateTime.getHours() + '\\:\\' +\ndateTime.getMinutes() + ':' + dateTime.getSeconds();\nflow.set('finished',finished);\n",
  "outputs": 1,
  "timeout": 0,
  "noerr": 0,
  "initialize": "",
  "finalize": "",
  "libs": [],
```

```
"x": 340,  
"y": 280,  
"wires": [  
  []  
]  
}  
]
```