

SPRINT-4

Team ID	PNT2022TMID33019
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

Here, we have attached the screenshots of flow 2 i.e create a NODE-RED flow to get data from device and publishing data to the ibm cloud.

FLOW-2:

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Published data Successfully: %s ('temperature': 107, 'humidity': 36)
Published data Successfully: %s ('temperature': 63, 'humidity': 23)
Published data Successfully: %s ('temperature': 20, 'humidity': 99)
Published data Successfully: %s ('temperature': 37, 'humidity': 47)
Published data Successfully: %s ('temperature': 124, 'humidity': 65)
Published data Successfully: %s ('temperature': 55, 'humidity': 16)
Published data Successfully: %s ('temperature': 71, 'humidity': 60)
Published data Successfully: %s ('temperature': 100, 'humidity': 99)
Published data Successfully: %s ('temperature': -10, 'humidity': 71)
Published data Successfully: %s ('temperature': 14, 'humidity': 40)
Published data Successfully: %s ('temperature': 0, 'humidity': 98)
Published data Successfully: %s ('temperature': 111, 'humidity': 89)
Published data Successfully: %s ('temperature': 114, 'humidity': 43)
Published data Successfully: %s ('temperature': 61, 'humidity': 48)
Published data Successfully: %s ('temperature': 37, 'humidity': 49)
Published data Successfully: %s ('temperature': 66, 'humidity': 26)
Published data Successfully: %s ('temperature': 30, 'humidity': 6)
Published data Successfully: %s ('temperature': 31, 'humidity': 100)
Published data Successfully: %s ('temperature': 90, 'humidity': 26)
Published data Successfully: %s ('temperature': 13, 'humidity': 46)
Published data Successfully: %s ('temperature': 112, 'humidity': 76)
Published data Successfully: %s ('temperature': 10, 'humidity': 14)
Published data Successfully: %s ('temperature': 96, 'humidity': 94)
Published data Successfully: %s ('temperature': 10, 'humidity': 7)
Published data Successfully: %s ('temperature': -5, 'humidity': 34)
Published data Successfully: %s ('temperature': -2, 'humidity': 9)
Published data Successfully: %s ('temperature': 23, 'humidity': 50)
Published data Successfully: %s ('temperature': 27, 'humidity': 74)
Published data Successfully: %s ('temperature': 55, 'humidity': 1)
Published data Successfully: %s ('temperature': 53, 'humidity': 85)
Published data Successfully: %s ('temperature': 55, 'humidity': 92)
Published data Successfully: %s ('temperature': 56, 'humidity': 32)
Published data Successfully: %s ('temperature': 91, 'humidity': 88)
Published data Successfully: %s ('temperature': -19, 'humidity': 10)
Message received from IBM IoT Platform: lighton
led is on
Message received from IBM IoT Platform: lightoff
led is off
Published data Successfully: %s ('temperature': 50, 'humidity': 64)
Published data Successfully: %s ('temperature': -15, 'humidity': 33)
Published data Successfully: %s ('temperature': 100, 'humidity': 57)
```

Smart Switch Board

LIGHT ON

LIGHT OFF

Hall 4

