ASSESMENT – 3

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PYTHON CODE:

```
import wiotp.sdk.device
import time
import random
myConfig = {
  "identity": {
    "orgld": "41458d",
    "typeId": "Krishna0607",
    "deviceId":"06072002"
  },
  "auth": {
    "token": "Krishna0607"
  }
}
def myCommandCallback(cmd):
  print("Message received from IBM IoT Platform: %s" %
cmd.data['command'])
  m=cmd.data['command']
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
```

```
while True:
    water_level=random.randint(0,100)
    intensity=random.randint(0,100)
    myData={'water_level':water_level, 'intensity':intensity}
    client.publishEvent(eventId="status", msgFormat="json", data=myData,
    qos=0, onPublish=None)
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```

CODE:

```
assesment3.py - C:\Users\varun krishna\OneDrive\Desktop\DA'S&PROJECTS\assesment3.py (3.9.6)
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NODE-RED DESIGN:

