

ASSIGNMENT – 3

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REG NO : 19BEC0279

PYTHON CODE:

```
import wiotp.sdk.device
```

```
import time
```

```
import random
```

```
myConfig = {
```

```
    "identity": {
```

```
        "orgId": "xmf5vy",
```

```
        "typeId": "V1",
```

```
        "deviceId": "93999996166"
```

```
    },
```

```
    "auth": {
```

```
        "token": "93999996166"
```

```
    }
```

```
}
```

```
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()

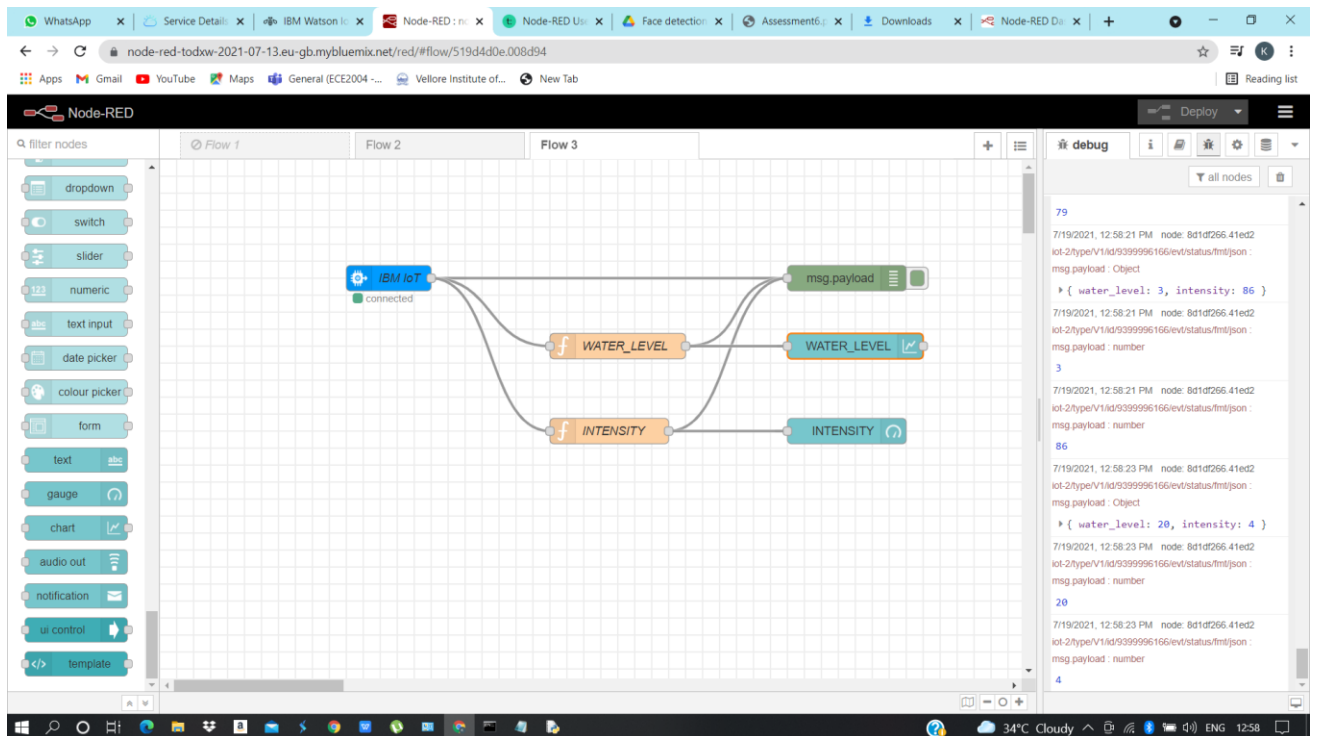
while True:
    water_level=random.randint(0,100)
    intensity=random.randint(0,100)
    myData={'water_level':water_level, 'intensity':intensity}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
onPublish=None)
    print("Published data Successfully: %s", myData)
   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

```
assignment3code.py - C:/Users/NITHIN/Downloads/assignment3code.py (3.9.6)
File Edit Format Run Options Window Help
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "xmf5vy",
        "typeId": "V1",
        "deviceId": "9399996166"
    },
    "auth": {
        "token": "9399996166"
    }
}

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)
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    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()
```



WhatsAppService DetailsIBM WatsonNode-RED : rNode-RED UseFace detectionAssessment6DownloadsNode-RED D

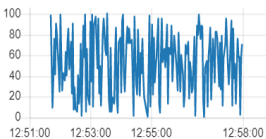
node-red-todxw-2021-07-13-eu-gb.mybluemix.net/ui/#/0?socketid=BH2pclyBdCvidL8OAAAP

AppsGmailYouTubeMapsGeneral (ECE2004 -...Vellore Institute of...New TabReading list


Smart Home

Sensor Data

WATER_LEVEL



INTENSITY




41%

date

time

SUBMIT

CANCEL



34°C Cloudy

