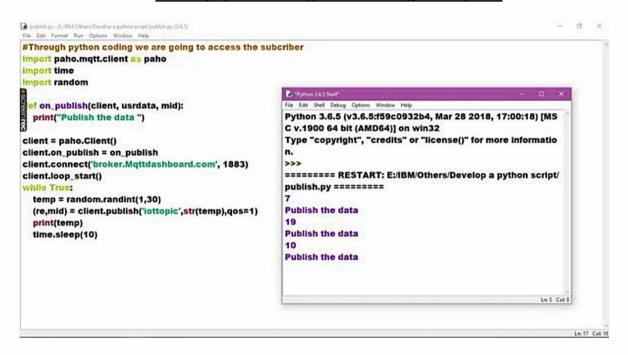
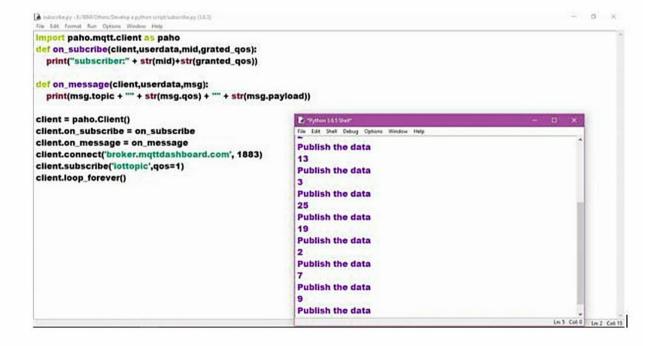
Develop the Python Script

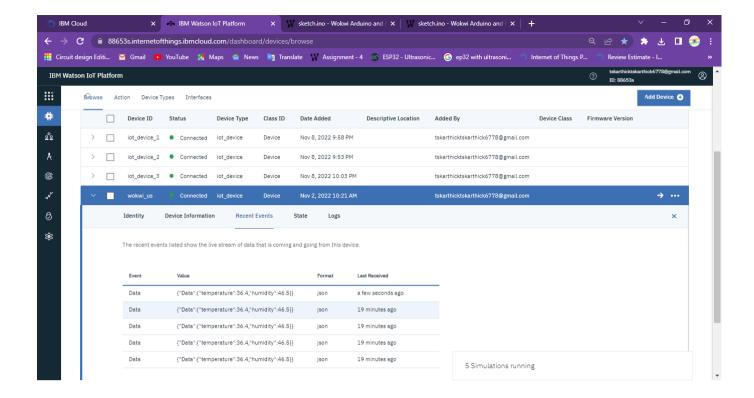
(Publish data to IBM cloud)

Date	04 November 2022
Team ID	PNT2022TMID47980
Project Name	Industry-Specific Intelligent Fire Management System
Maximum Marks	4 Marks

Industry-Specific Intelligent Fire Management ystem







Program:

```
#IBM Watson IOT Platform

#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {"identity":
{
    "orgld": "88653s",
    "typeld": "iot_device",
    "deviceld": "wokwi_us"},
    "auth": {"token": ")1(uiYYO)Nmkr9sk(k")
}

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:
    temp=random.randint(-20,125)
    hum=random.randint(0,100)
    myData={'temperature':temp, 'humidity':hum}
    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()
```