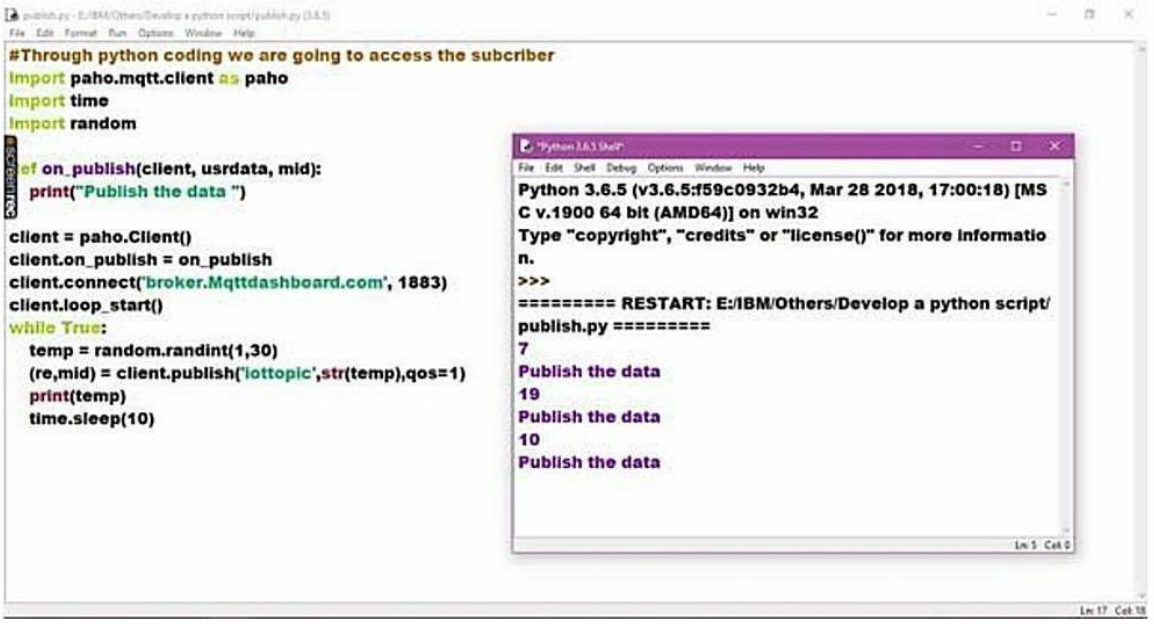
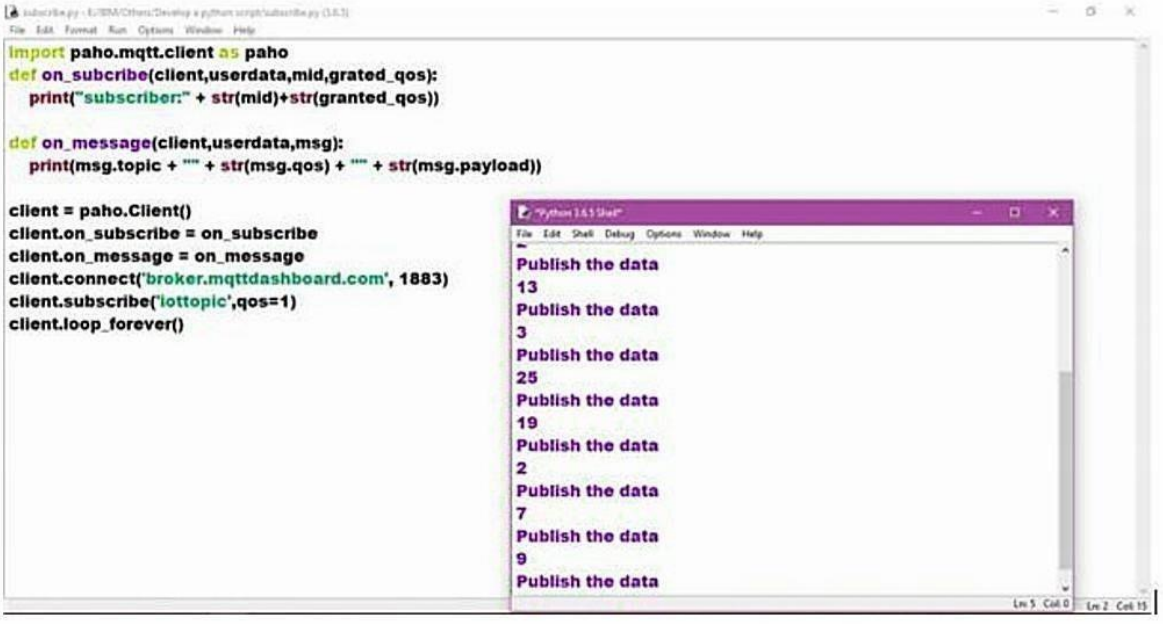
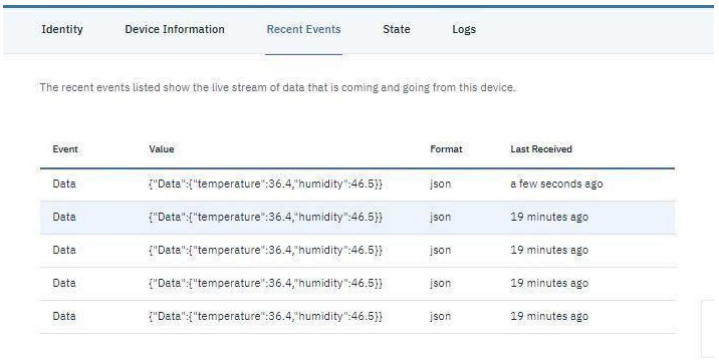
Develop the Python Script

(Publish data to IBM cloud)

Date	November 2022
Team ID	PNT2022TMID33937
Project Name	Industry-Specific Intelligent Fire Management System
Maximum Marks	4 Marks







Program:

```
#IBM Watson IOT
Platform #pip install
wiotpsdk import
wiotp.sdk.device import
time import random
myConfig = {"identity":
{
  "orgId": "88653s",
  "typeId": "iot_device",
  "deviceId":"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()
```