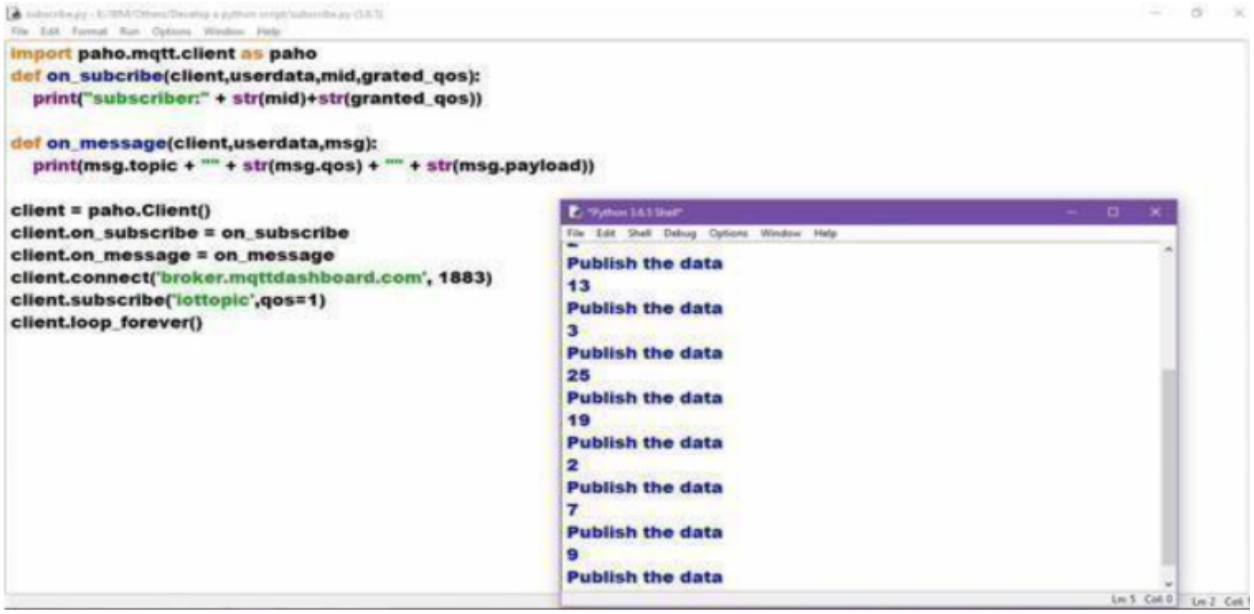
PUBLISH DATA TO IBM CLOUD

DATE	17 NOVEMBER 2022
TEAM ID	PNT2022TMID33506
PROJECT NAME	Intelligent Specific Intelligent Fire Management System



```
import paho.mqtt.client as paho
def on_subcribe(client,userdata,mid,grated_qos):
    print("subscriber:" + str(mid)+str(granted_qos))

def on_message(client,userdata,msg):
    print(msg.topic + "" + str(msg.qos) + "" + str(msg.payload))

client = paho.Client()
client.on_subscribe = on_subscribe
client.on_message = on_message
client.connect('broker.mqttdashboard.com', 1883)
client.subscribe('iottopic',qos=1)
client.loop_forever()
```

```
Publish the data
13
Publish the data
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Publish the data
```

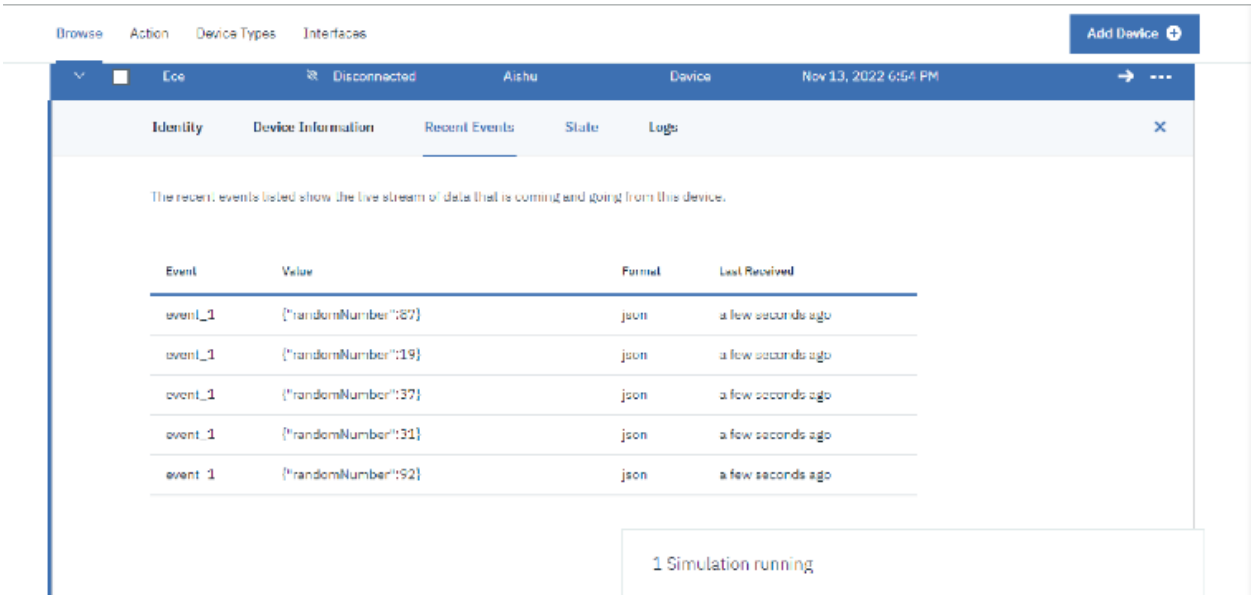

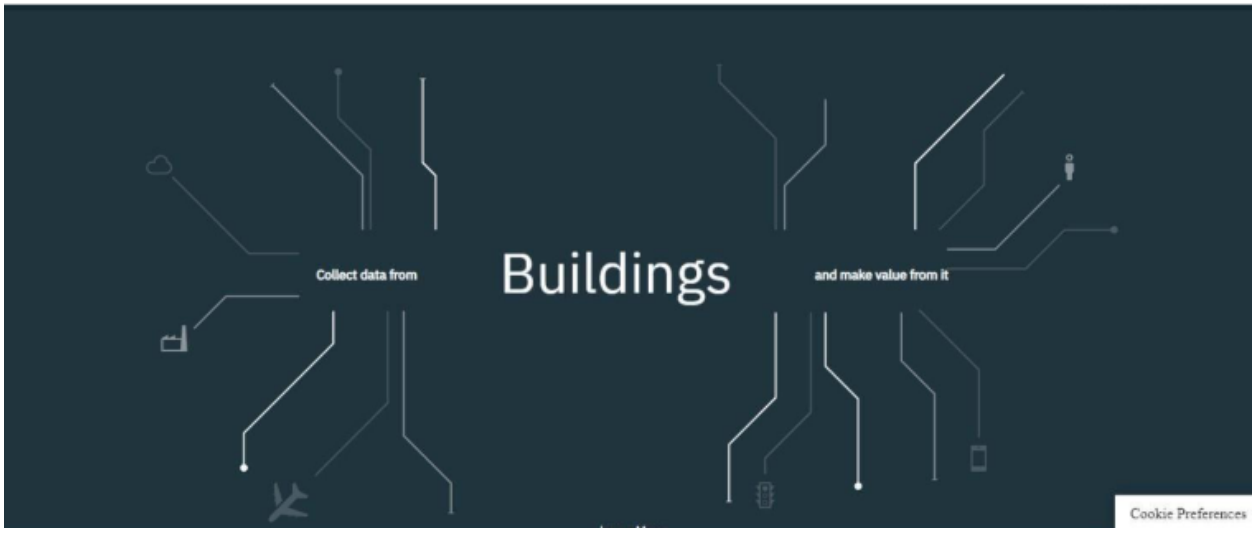

PROGRAM :

```
#IBM Watson IOT Platform #pip install wiotp-sdk
import wiotp.sdk.device import time import random
myConfig = {"identity":
{
"orgId": "hj5fmy",
"typeId": "NodeMCU",
"deviceId":"12345" }, "auth": {"token": "12345678"}
}
def myCommandCallback(cmd):
Platform:
%s"
print("Message
received
```

```
from
IBM
IoT
% 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) 'humidity':hum}
hum=random.randint(0,100)
myData={'temperature':temp,
client.publishEvent(eventid="status", msg
Format="json", data=myData, qos=0, on Publish=None)
print("Published data Successfully: %s",
myData)
client.commandCallback
myCommandCallback time.sleep(2)
client.disconnect()
```