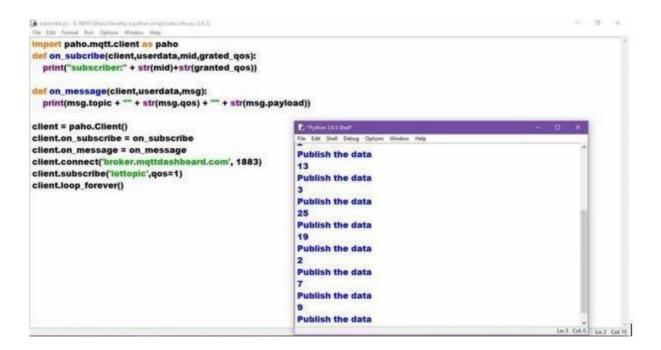
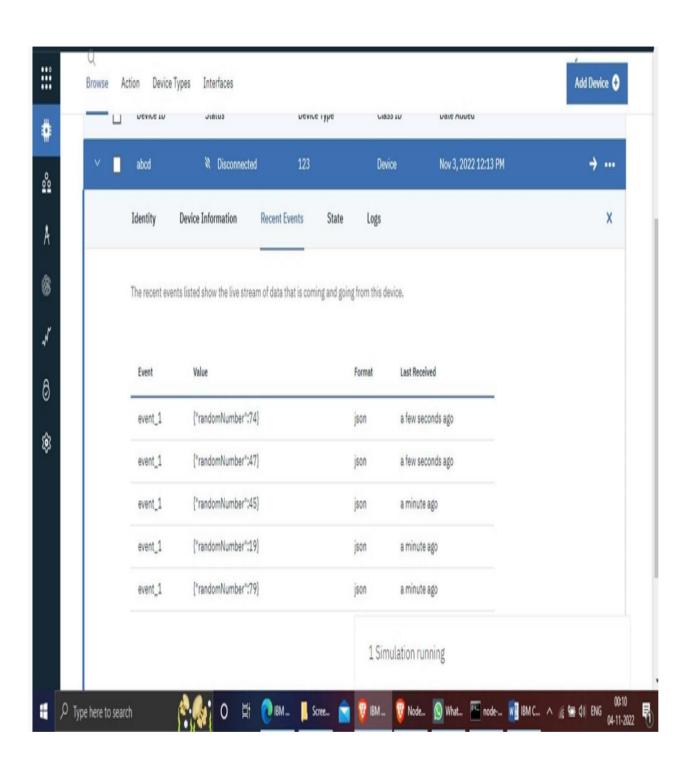
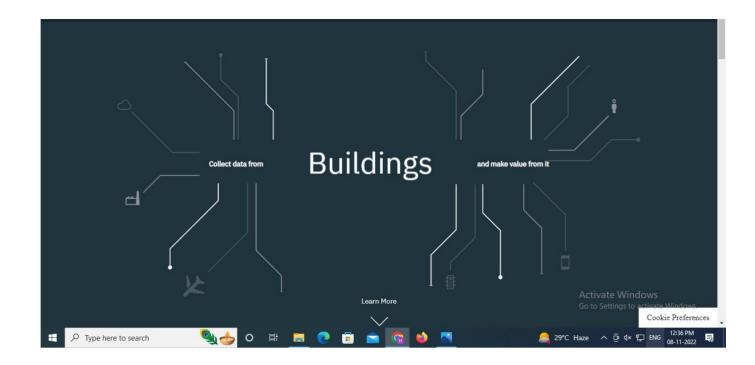
## DEVELOP THE PYTHON SCRIPT(PUBLISH DATA TO IBM CLOUD)

Date	17 November 2022
Team ID	PNT2022TMID24481
Project Name	Industry-Specific Intelligent Fire Management
	System









## Program:

```
#IBM Watson IOT
Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time import
random
myConfig = {"identity":
  "orgId": "f68qgi",
  "typeId": "NodeMCU",
  "deviceId":"2345"},
  "auth": {"token": "12345678"}
def myCommandCallback(cmd): print ("Message received from IBM
IoTPlatform: %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()
```