SPRINT 2

Project Title	Industry-specific intelligent fire management system
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Code for Simulation

```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
  "identity": {
    "orgId": "s8ov1q",
    "typeId": "abcd",
    "deviceId":"12345"
  },
  "auth": {
    "token": "12345678"
  }
}
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)
 flame=random.randint(0,50)
 gas=random.randint(0,100)
 myData={'temperature':temp, 'humidity':hum,'flame':flame,'gas':gas}
 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()
```

OUTPUT (IBM IOT Watson)

Connection Details





