Develop a python script
Publish Data to the IBM Cloud

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Team ID	PNT2022TMID48245
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Signs with smart connectivity for Better road safety

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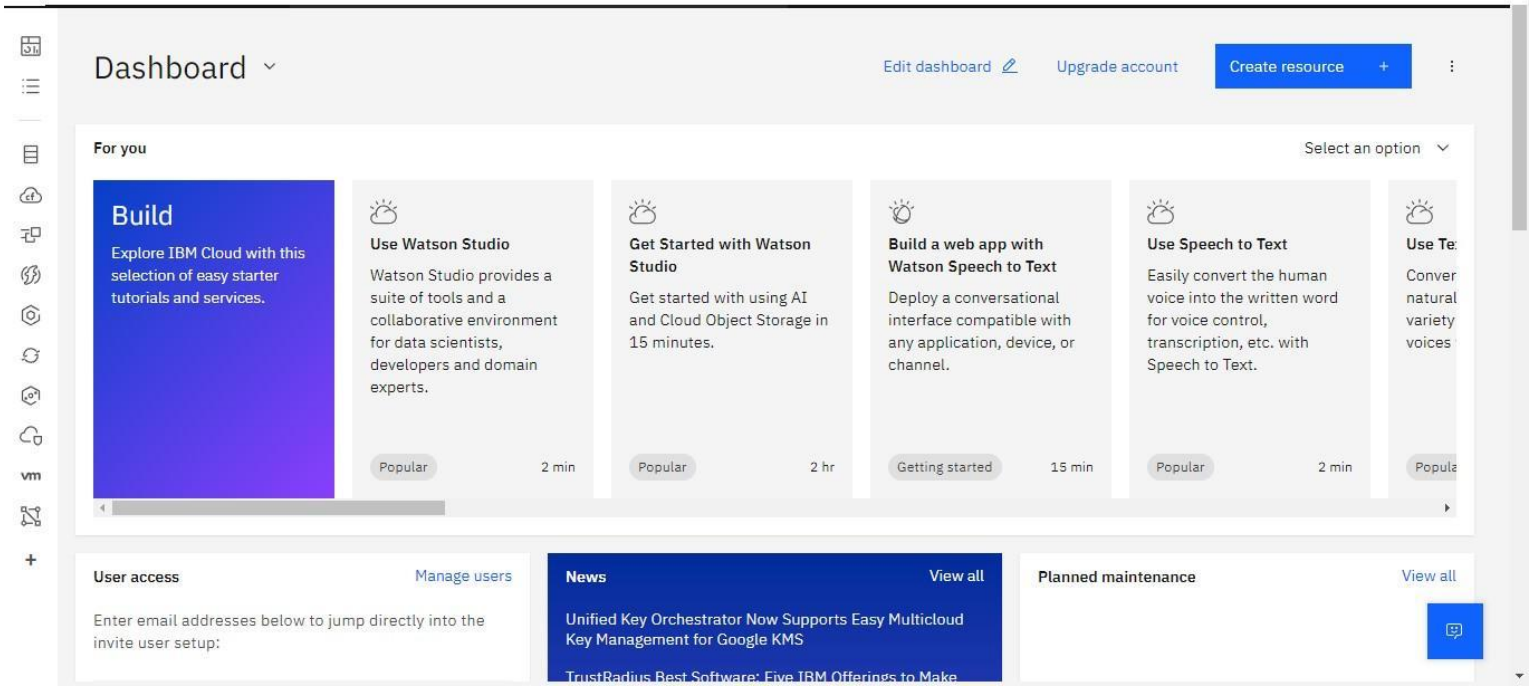
```
import paho.mqtt.client as paho
import time
import random
def on_publish(client, usrdata, mid):
  print("Publish the data")

client=paho.Client()

client.on_publish=on_publish

client.connect('broker.Mqttdashboard.com', 1883)
client.loop_start()
while True:

    temp=random.randint(1,30)
    (re,mid)= client.publish('lottopic',str(temp),qos=1)
    print(temp)
    time.sleep(10)
```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Program :

```
#IBM Watson Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
   "identity":  {
   "orgId": " b59mry ",
   "typeId": "Node",
   "deviceId":"1111" },
   "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)
   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()
```