Develop A Python Script

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Project Name	PERSONAL ASSISTANCE FOR SENIORS WHO ARE RELIANT

PYTHON SCRIPT:

deviceCli.connect()

```
import time
import sys
import ibmiotf.device
import ibmiotf.application
import random
organizationID='zjr8na'
deviceType='sathya'
deviceID='0502'
authMethod='token'
authToken='12345678'
def myCommandCallback(cmd):
  print("Command received: %s" %cmd.data['command'])
  status=cmd.data['command']
  if status=="lighton":
    print('led is on')
  elif status=='lightoff':
    print('led is off')
  else:
    print('please send proper command')
try:
    deviceOption={"org":organizationID, "type":deviceType, "id":deviceID, "auth-
method":authMethod,"auth-token":authToken}
    deviceCli = ibmiotf.device.Client(deviceOption)
except Exception as e:
    print("Caught exception connecting device: %s" %str(e))
    sys.exit()
```

```
while True:
    temp=random.randint(90,100)
    Humid=random.randint(10,100)

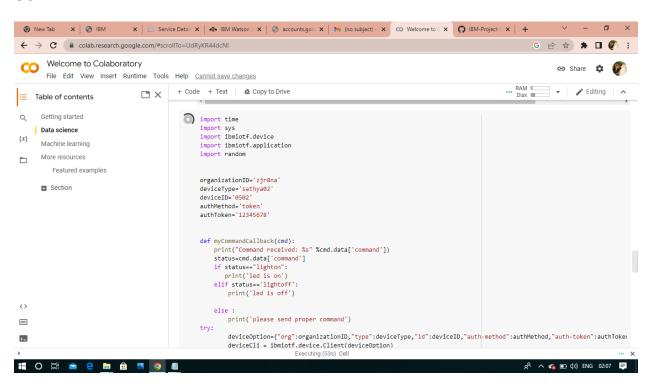
data ={'temp': temp,'Humid': Humid}
    def myOnPublishCallback():
        print("Published Distance=%s c" %temp,"Humidity=%s %%" % Humid,"to IBM
Watson")

success=deviceCli.publishEvent("IOTSensor","json",
data,qos=0,on_publish=myOnPublishCallback)
    if not success:
        print("Not connected to IOTF");
    time.sleep(10)
```

deviceCli.commandCallback = myCommandCallback

deviceCli.disconnect()

SCRIPT:



OUTPUT:

