// variables.py

coffee\_topic = "gdgfoz/coffeeiot"

broker\_url = "iot.eclipse.org"

// on\_off\_coffee.py

import paho.mqtt.client as mqtt

import time

import Adafruit\_DHT as dht

from variables import \*

def on\_message(client, userdata, message):

print("Python: ", message.topic, " - ", str(message.payload.decode("utf-8")))

actual\_tate = str(message.payload.decode("utf-8"))

client.unsubscribe(coffee\_topic)

send\_state = ""

if(actual\_tate == "off"):

send\_state = "on"

else:

send\_state = "off"

client.publish(coffee\_topic, send\_state, 0, True)

def on\_connect(client, userdata, flags, rc):

print("Connected with result code "+str(rc))

client.subscribe(coffee\_topic)

def mqtt\_client\_connect():

print("connected to: ", broker\_url)

client.connect(broker\_url)

client.loop\_forever()

client = mqtt.Client("client\_name")

client.on\_connect = on\_connect

client.on\_message = on\_message

mqtt\_client\_connect()