import paho.mqtt.client as mqtt  
  
# The callback for when the client receives a CONNACK response from the server.  
def on\_connect(client, userdata, flags, rc):  
 print("Connected with result code "+str(rc))  
 # Subscribing in on\_connect() means that if we lose the connection and  
 # reconnect then subscriptions will be renewed.  
 client.subscribe("$SYS/#")  
  
# The callback for when a PUBLISH message is received from the server.  
def on\_message(client, userdata, msg):  
 print(msg.topic+" "+str(msg.payload))  
  
user = "1234"  
password = "1234"  
  
client = mqtt.Client()  
client.username\_pw\_set(user, password=password)  
client.on\_connect = on\_connect  
client.on\_message = on\_message  
client.connect("192.168.1.66", 1883, 60)  
client.subscribe("python/test")  
  
# Blocking call that processes network traffic, dispatches callbacks and  
# handles reconnecting.  
# Other loop\*() functions are available that give a threaded interface and a  
# manual interface.  
  
client.loop\_forever()