

# DEVELOP A PYTHON SCRIPT

## CODE:

```
import paho.mqtt.client as paho

import time

import random


def on_publish(client,userdata,mid):

    print("PUBLISHED")


client = paho.Client()

client.on_publish=on_publish

client.connect("broker.mqttdashboard.com",1883)

client.loop_start()


while True:

    tem=random.randint(1,100)

    (rc,mid)=client.publish('IOTSENSOR',str(tem),qos=0)

    print(tem)

    time.sleep(10)
```

mqttpublish.py - D:\IBM NALAIYA THIRAN\PYTHON\mqttpublish.py (3.10.8)

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\*IDLE Shell 3.10.8\*

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Python 3.10.8 (tags/v3.10.8:aaaf517, Oct 11 2022, 16:50:30) [MSC v.1933 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: D:\IBM NALAIYA THIRAN\PYTHON\mqttpublish.py =====

PUBLISHED69

PUBLISHED91



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### Connection

● connected



### Publish



Topic  
testtopic/1

QoS  
0

Retain  
☐

[Publish](#)

Message

### Subscriptions



[Add New Topic Subscription](#)

Qos: 0  
IOTSENSOR

### Messages



2022-11-17 22:44:54	Topic: IOTSENSOR	Qos: 0
91		
2022-11-17 22:44:44	Topic: IOTSENSOR	Qos: 0
69		