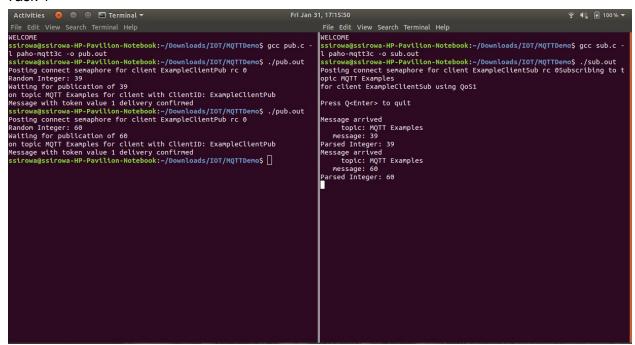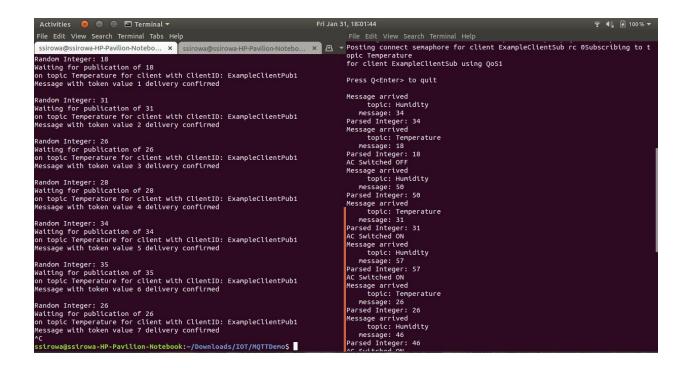# MQTT TUTORIAL

-SAAHIL SIROWA

-CS16BTECH1030

- Task 1

- Task 2
Temperature

```
File  Edit  View  Search  Terminal  Tabs  Help        File  Edit  View  Search  Terminal  Help

ssirowa@ssirowa-HP-Pavilion-Notebo...  ×   ssirowa@ssirowa-HP-Pavilion-Notebo...  ×    Posting connect semaphore for client ExampleClientSub rc 0Subscribing to t
Random Integer: 18                                     opic Temperature
Waiting for publication of 18                          for client ExampleClientSub using QoS1
on topic Temperature for client with ClientID: ExampleClientPub1
Message with token value 1 delivery confirmed          Press Q<Enter> to quit

Random Integer: 31                                     Message arrived
Waiting for publication of 31                              topic: Humidity
on topic Temperature for client with ClientID: ExampleClientPub1    message: 34
Message with token value 2 delivery confirmed          Parsed Integer: 34
                                                       Message arrived
Random Integer: 26                                         topic: Temperature
Waiting for publication of 26                              message: 18
on topic Temperature for client with ClientID: ExampleClientPub1    AC Switched OFF
Message with token value 3 delivery confirmed          Message arrived
                                                           topic: Humidity
Random Integer: 28                                         message: 50
Waiting for publication of 28                          Parsed Integer: 50
on topic Temperature for client with ClientID: ExampleClientPub1    Message arrived
Message with token value 4 delivery confirmed              topic: Temperature
                                                           message: 31
Random Integer: 34                                     Parsed Integer: 31
Waiting for publication of 34                          AC Switched ON
on topic Temperature for client with ClientID: ExampleClientPub1    Message arrived
Message with token value 5 delivery confirmed              topic: Humidity
                                                           message: 57
Random Integer: 35                                     Parsed Integer: 57
Waiting for publication of 35                          AC Switched ON
on topic Temperature for client with ClientID: ExampleClientPub1    Message arrived
Message with token value 6 delivery confirmed              topic: Temperature
                                                           message: 26
Random Integer: 26                                     Parsed Integer: 26
Waiting for publication of 26                          Message arrived
on topic Temperature for client with ClientID: ExampleClientPub1    topic: Humidity
Message with token value 7 delivery confirmed              message: 46
^C                                                     Parsed Integer: 46
ssirowa@ssirowa-HP-Pavilion-Notebook:~/Downloads/IOT/MQTTDemo$     AC Switched ON
```

Humidity

```
File  Edit  View  Search  Terminal  Tabs  Help        File  Edit  View  Search  Terminal  Help

ssirowa@ssirowa-HP-Pavilion-Notebo...  ×   ssirowa@ssirowa-HP-Pavilion-Notebo...  ×    Posting connect semaphore for client ExampleClientSub rc 0Subscribing to t
Random Integer: 34                                     opic Temperature
Waiting for publication of 34                          for client ExampleClientSub using QoS1
on topic Humidity for client with ClientID: ExampleClientPub2
Message with token value 1 delivery confirmed          Press Q<Enter> to quit

Random Integer: 50                                     Message arrived
Waiting for publication of 50                              topic: Humidity
on topic Humidity for client with ClientID: ExampleClientPub2    message: 34
Message with token value 2 delivery confirmed          Parsed Integer: 34
                                                       Message arrived
Random Integer: 57                                         topic: Temperature
Waiting for publication of 57                              message: 18
on topic Humidity for client with ClientID: ExampleClientPub2    Parsed Integer: 18
Message with token value 3 delivery confirmed          AC Switched OFF
                                                       Message arrived
Random Integer: 46                                         topic: Humidity
Waiting for publication of 46                              message: 50
on topic Humidity for client with ClientID: ExampleClientPub2    Parsed Integer: 50
Message with token value 4 delivery confirmed          Message arrived
                                                           topic: Temperature
Random Integer: 44                                         message: 31
Waiting for publication of 44                          Parsed Integer: 31
on topic Humidity for client with ClientID: ExampleClientPub2    AC Switched ON
Message with token value 5 delivery confirmed          Message arrived
                                                           topic: Humidity
Random Integer: 42                                         message: 57
Waiting for publication of 42                          Parsed Integer: 57
on topic Humidity for client with ClientID: ExampleClientPub2    AC Switched ON
Message with token value 6 delivery confirmed          Message arrived
                                                           topic: Temperature
Random Integer: 45                                         message: 26
Waiting for publication of 45                          Parsed Integer: 26
on topic Humidity for client with ClientID: ExampleClientPub2    Message arrived
Message with token value 7 delivery confirmed              topic: Humidity
^C                                                         message: 46
ssirowa@ssirowa-HP-Pavilion-Notebook:~/Downloads/IOT/MQTTDemo$     Parsed Integer: 46
                                                       AC Switched ON
```