Team ID	PNT2022TMID07389
Project Title	Personal Assistance for Seniors Who Are Self - Reliant.
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Objective:

Write a python code for connect with the IBM IoT Platform and sent data to the device.

Code:

```
import time
import random
#import ibmiotf.application
import ibmiotf.device
import sys
config={
  "org": "hg0hll",
  "type":"123",
  "id":"abcd",
  "auth-method":"token",
  "auth-token":"123456789"
client= ibmiotf.device.Client (config)
client.connect()
def myCommandCallback (cmd):
  a=cmd.data
  if len(a["command"])==0:
    pass
  else:
    print(a["command"])
def pub (data):
  client.publishEvent (event="status", msgFormat="json",data=data, qos=0)
  print("Published data Successfully: %s",data)
while True:
  s=random.randint(0,100)
  h=random.randint(0,100)
  t=random.randint(0,100)
  data={"sm":s,"hum":h,"temp":t}
  client.commandCallback = myCommandCallback
  time.sleep(2)
client.disconnect()
```

Compiler Output:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\Project> python -u "d:\Project\akash.py"
Published data Successfully: %s {\sm: 14, \hum': 66, 'temp': 65}
2022-11-17 20:42:09,703 ibmiotf.device.Client INFO Connected successfully: d:hg0hll:123:abcd
Published data Successfully: %s {\sm: 13, 'hum': 65, 'temp': 23}
Published data Successfully: %s {\sm: 21, 'hum': 75, 'temp': 23}
Published data Successfully: %s {\sm: 21, 'hum': 75, 'temp': 23}
Published data Successfully: %s {\sm: 21, 'hum': 84, 'temp': 40}
```

Watson IoT Platform Device:

