

### Python Script:

TEAM ID: PNT2022TMID15065

In this milestone we have scripted a code in the python idle which will be used for the completion of this project. Hereby we have attached the screenshot of the script.

CODE:

```
import json

import wiotp.sdk.device

import time

myConfig = { "identity": { "orgId": "hj5fmy",
"deviceId": "NodeMCU", "deviceId":"12345"
},
"auth": {
"token": "12345678"
}
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None) client.connect()

while True:

name ="smartbridge" #in area location

#latitude=17.4219272 #longitude=78.5488783

latitude=17.4219272

longitude=78.5488783 myData={'name':name,'lat':latitude,'log':longitude}

client.publishEvent(eventId="status",msgFormat="json", data=myData,qos=0,onpublish=None)

        print("Data published to IBM IOT platform:",myData)

time.sleep(5) client.disconnect()
```

```
Python 3.11 (64-bit)
Python 3.11.0 (main, Oct 24 2022, 18:26:48) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> print("Hello IBM")
Hello IBM
>>>
```

```
IDLE Shell 3.11.0
File Edit Shell Debug Options Window Help
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