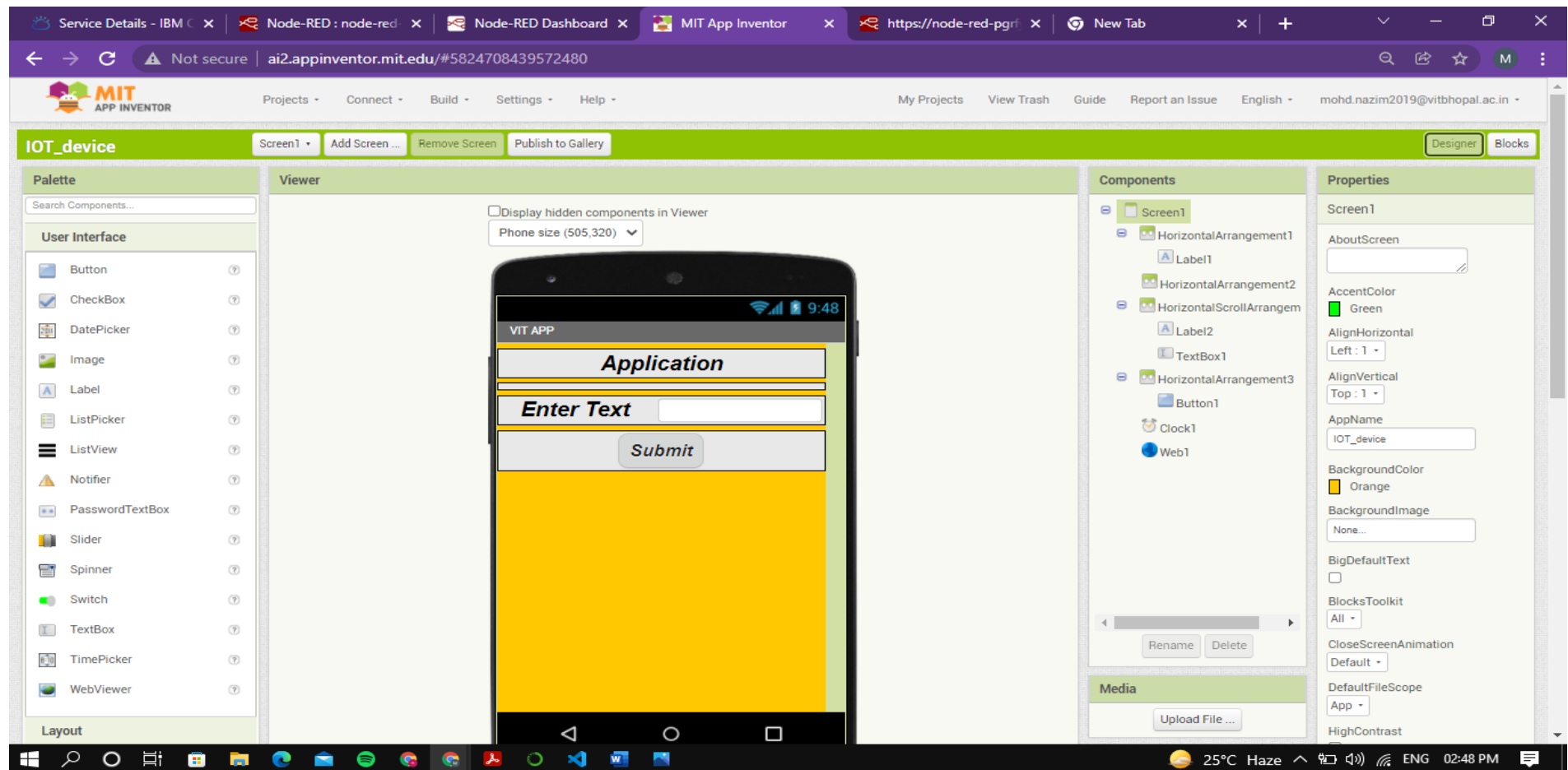


Name: - MOHD NAZIM ANSARI

Reg No: - 19BAI10088

ASSIGNMENT 4



Service Details - IBM x Node-RED : node-red x Node-RED Dashboard x MIT App Inventor x https://node-red-pgrf x New Tab x

Not secure | ai2.appinventor.mit.edu/#5824708439572480

MIT APP INVENTOR

Projects Connect Build Settings Help My Projects View Trash Guide Report an Issue English mohd.nazim2019@vitbhopal.ac.in

IOT_device

Screen1 Add Screen ... Remove Screen Publish to Gallery Designer Blocks

Blocks

Built-in

- Control
- Logic
- Math
- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures

Screen1

- HorizontalArrangemer
 - Label1
- HorizontalArrangemer
 - Label2
- HorizontalScrollArrang
 - Label2
- TextBox1

Rename Delete

Media

Upload File ...

Viewer

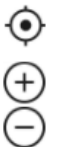
when Button1 .Click

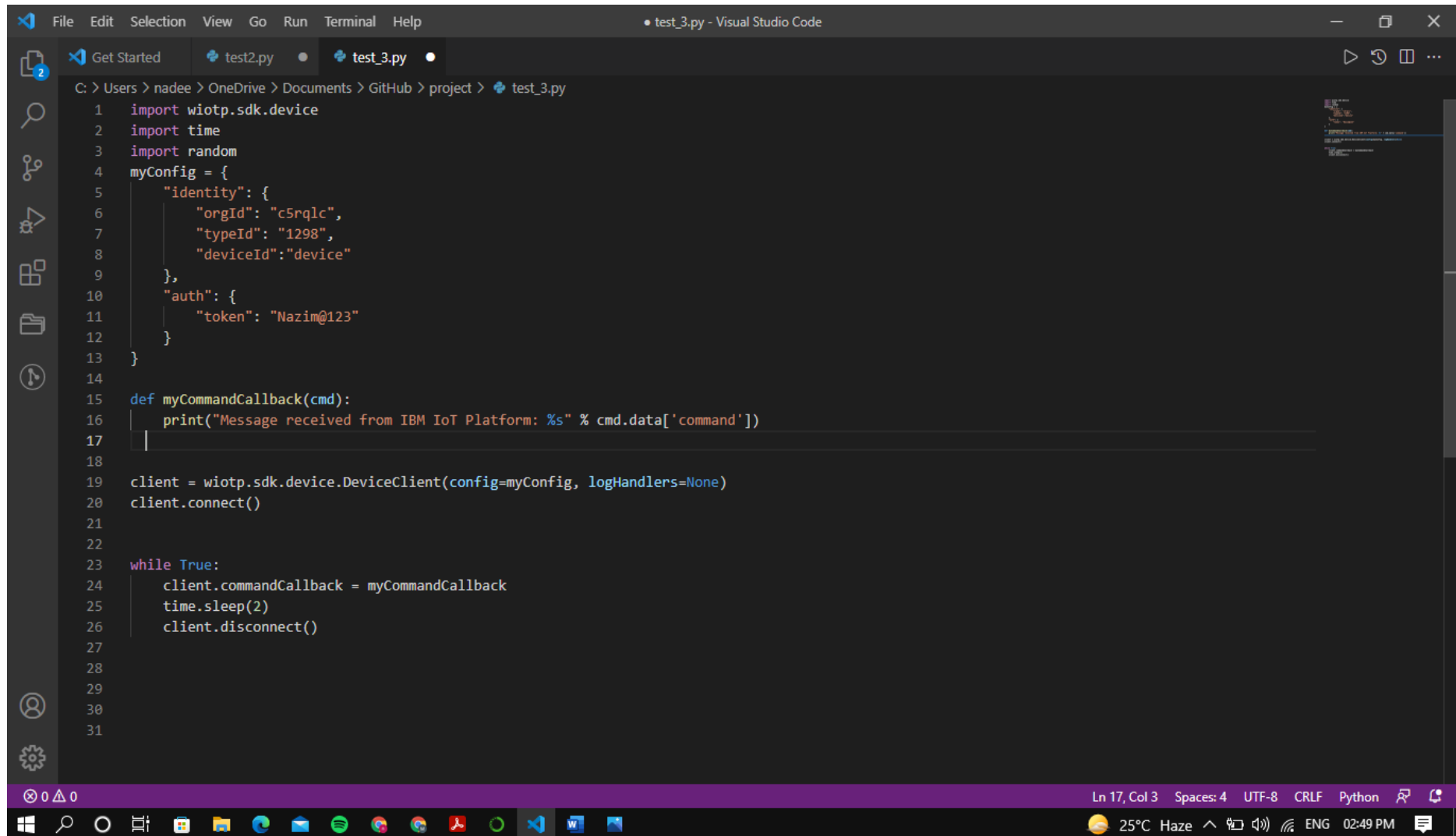
do

- set Web1 . Url to join " https://node-red-pgrfy-2021-12-02.mybluemix.net/..."
- call Web1 .Get

0 0

Show Warnings





```
File Edit Selection View Go Run Terminal Help
• test_3.py - Visual Studio Code

Get Started test2.py test_3.py

C: > Users > nadee > OneDrive > Documents > GitHub > project > test_3.py
1 import wiotp.sdk.device
2 import time
3 import random
4 myConfig = {
5     "identity": {
6         "orgId": "c5rqlc",
7         "typeId": "1298",
8         "deviceId": "device"
9     },
10    "auth": {
11        "token": "Nazim@123"
12    }
13 }
14
15 def myCommandCallback(cmd):
16     print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
17
18
19 client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
20 client.connect()
21
22
23 while True:
24     client.commandCallback = myCommandCallback
25     time.sleep(2)
26     client.disconnect()
27
28
29
30
31
```

Ln 17, Col 3 Spaces: 4 UTF-8 CRLF Python

25°C Haze 02:49 PM

Visual Studio Code interface showing a Python script and its execution output.

File Explorer: C: > Users > nadee > OneDrive > Documents > GitHub > project > test_3.py

Code Editor:

```
6      "orgId": "c5rq1c",
7      "typeId": "1298",
8      "deviceId": "device"
9  },
10     "auth": {
11         "token": "Nazim@123"
12     }
13 }
14
15 def myCommandCallback(cmd):
16     print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
17
18
19 client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
20 client.connect()
21
22
23 while True:
24     client.commandCallback = myCommandCallback
25     time.sleep(2)
26     client.disconnect()
```

Terminal Output:

```
[Done] exited with code=1 in 5.778 seconds

[Running] python -u "c:\Users\nadee\OneDrive\Documents\GitHub\project\test_3.py"
2021-12-12 14:44:25,514 wiotp.sdk.device.client.DeviceClient INFO    Connected successfully: d:c5rq1c:1298:device
Message received from IBM Platform: Nazim

[Done] exited with code=1 in 2.887 seconds
```

Status Bar: Ln 17, Col 3 Spaces: 4 UTF-8 CRLF Python

System Tray: 25°C Haze ENG 02:47 PM

Service Details - IBM x Node-RED : node-red x Node-RED Dashboard x MIT App Inventor x https://node-red-pgrf x New Tab

node-red-pgrfy-2021-12-02.mybluemix.net/red/#flow/2e1036058abf4201

Node-RED

filter nodes

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range

Flow 1

Flow 2

Flow 3

debug

all nodes

all

12/12/2021, 2:44:28 PM node: 65e588f8b0007761

msg.payload : Object

```
{ command: "Nazim" }
```

25°C Haze ENG 02:54 PM

2:44

VIT APP

Application

Enter Text

Submit

X

