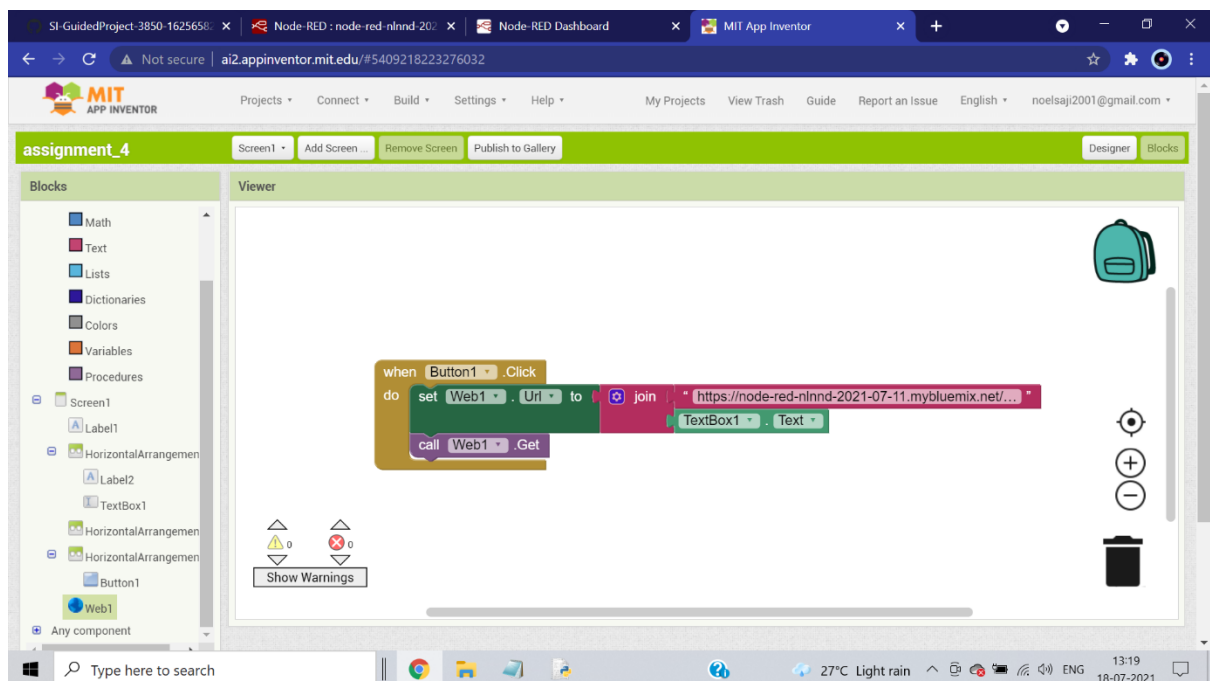
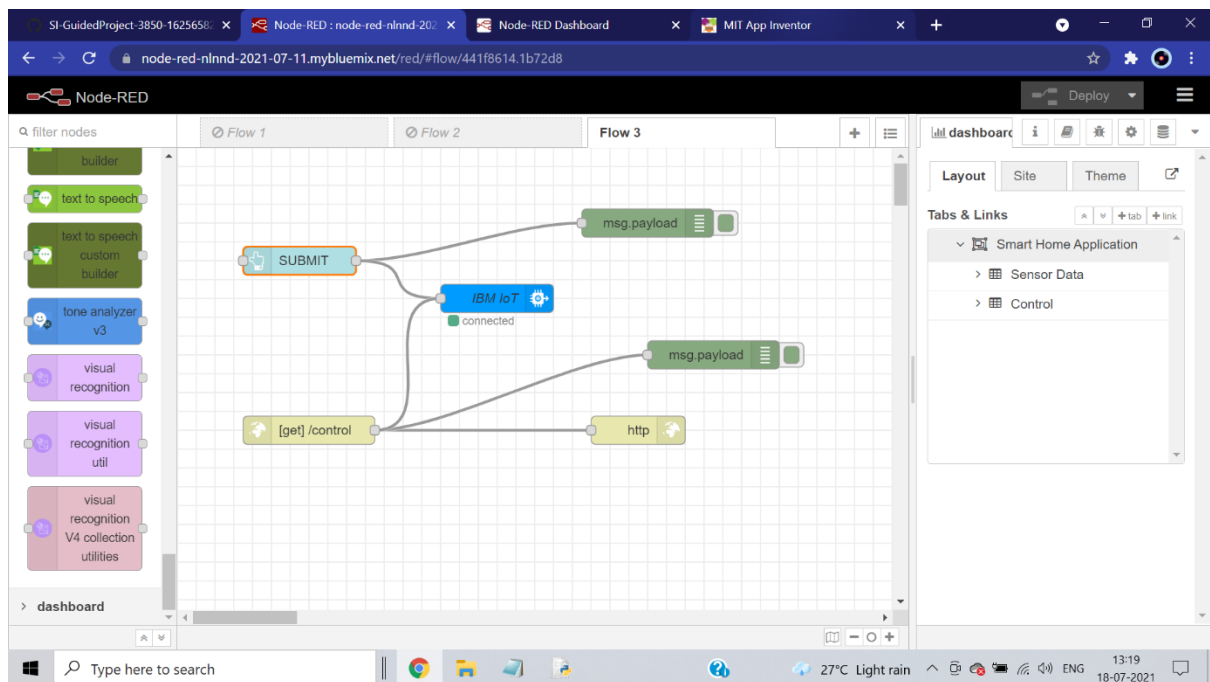


ASSIGNMENT-4

Develop a mobile application that takes the user input and sends it to IoT device (python code). print the received data in python shell.

Keep a text box to accept the user input.integrate a submit button.

whenever user enters the text input in text box and clicks the button the data should be sent to IBM cloud using URL(HTTP API).



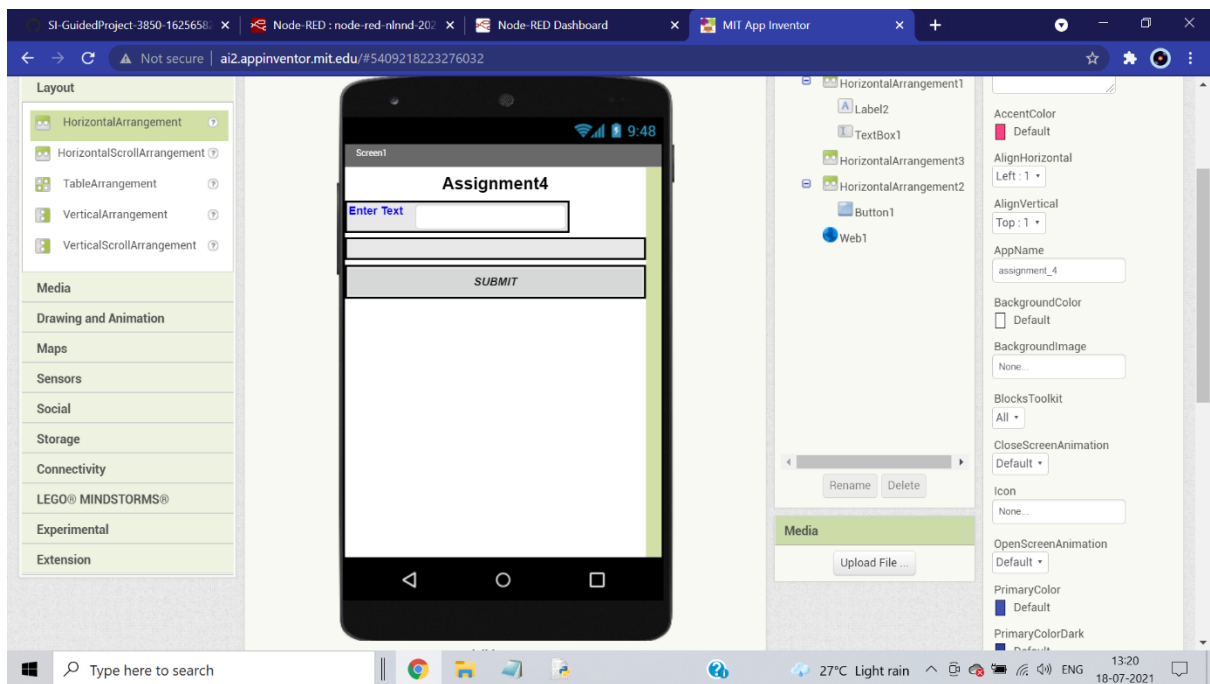
```
IBM_IOT.py - C:\Users\hp\OneDrive\Desktop\College\Externship\Python\IBM_IOT.py (3.9.6)
File Edit Format Run Options Window Help
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "whjghe",
        "typeId": "VITDevice",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678"
    }
}

def myCommandCallback(cmd):
    print("Message received from the app: %s" % cmd.data['command'])
    print()

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

while True:
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```

Ln: 23 Col: 11



10:51



89

Screen1

Assignment4

Enter Text

Noel

SUBMIT

```
*IDLE Shell 3.9.6*
File Edit Shell Debug Options Window Help
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: C:\Users\hp\OneDrive\Desktop\College\Externship\Python\IBM_IOT.py ==
2021-07-18 13:25:51,272   wiotp.sdk.device.client.DeviceClient  INFO    Connected successfully: d:whjqhe:VITDevice:12345
Message received from the app: Noel
|
```

Ln: 5 Col: 0

Windows taskbar: Type here to search, Google, File Explorer, Microsoft Word, 27°C Light rain, 13:28 18-07-2021