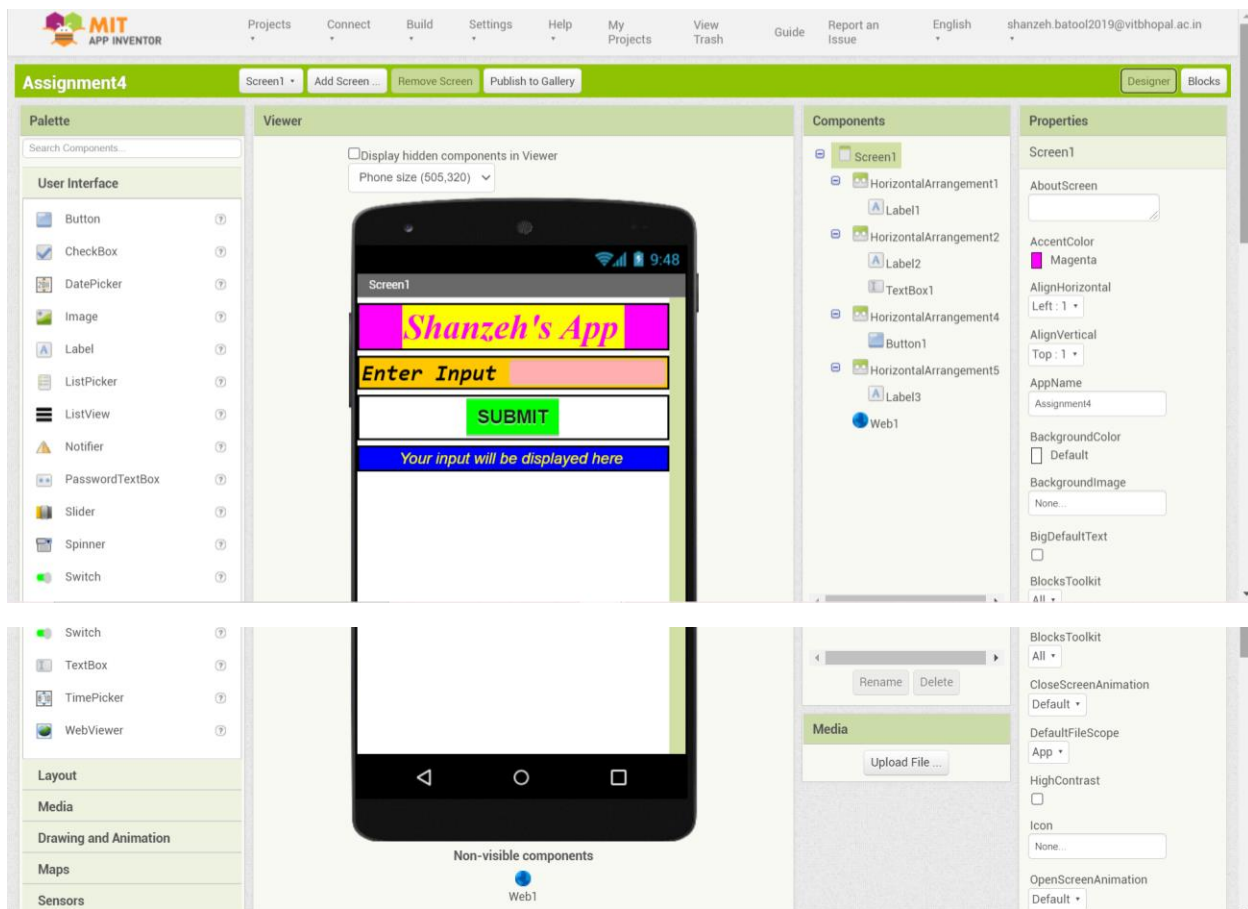


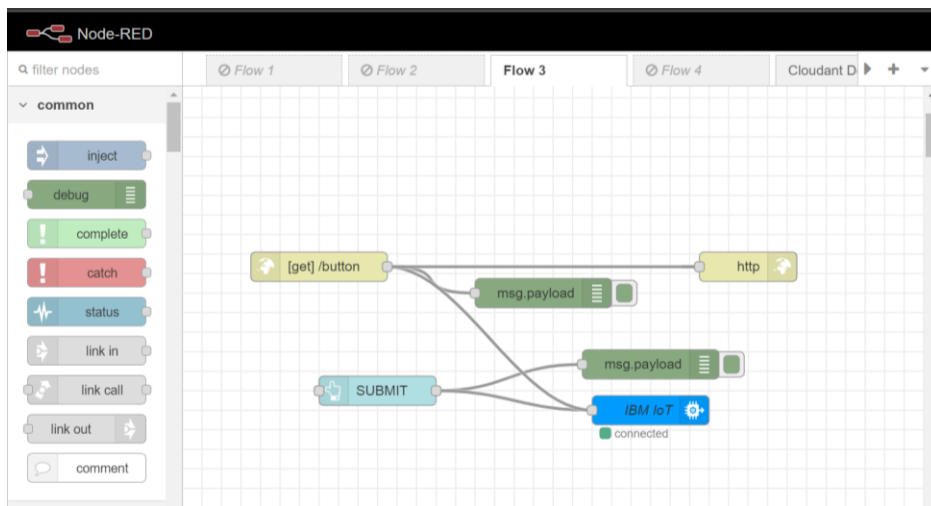
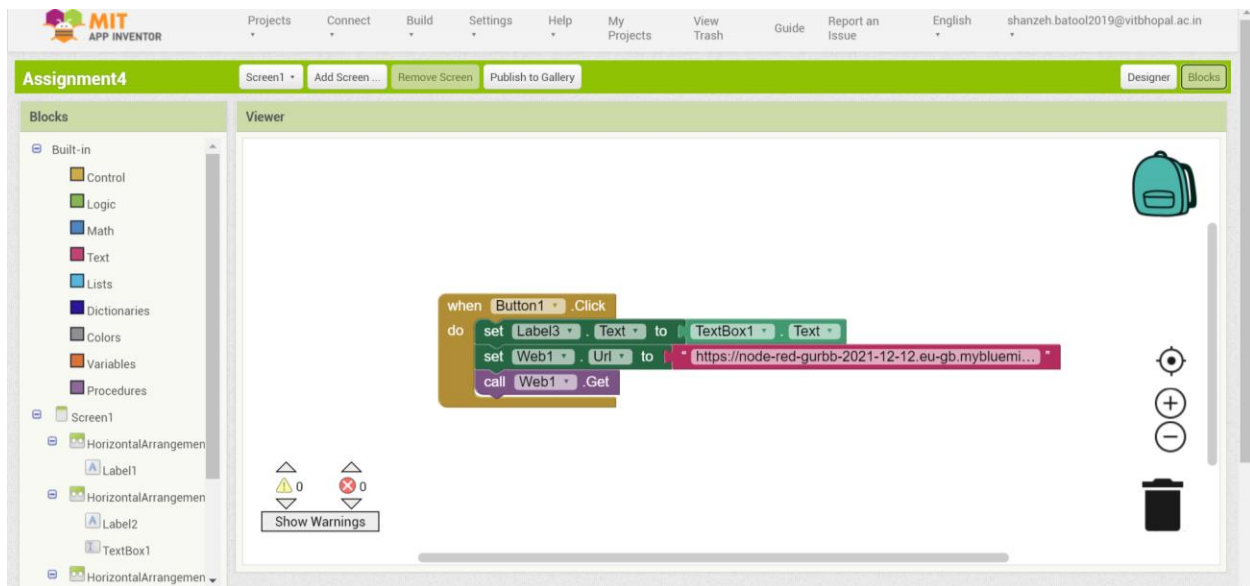
ASSIGNMENT 4

Q. 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).





Assignment4.py - C:\Users\Trident\Desktop\IoT\Assignment4.py (3.7.9)

File Edit Format Run Options Window Help

```
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity": {
        "orgId": "ugaw91",
        "typeId": "Device",
        "deviceId": "12345"
    },
    "auth": {
        "token": "12345678"
    }
}

def myCommandCallback(cmd):
    print("Message received from User: %s" % cmd.data)
    #print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
    #m=cmd.data['command']
    #print(type(cmd.data))
    print(cmd.data)

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

while True:
    #text = input()
    #myData={'text':text}
    #client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    #print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```

===== RESTART: C:\Users\Trident\Desktop\IoT\Assignment4.py =====

Warning (from warnings module):

File "C:\Users\Trident\AppData\Roaming\Python\Python37\site-packages\requests_init_.py", line 91
RequestsDependencyWarning)

RequestsDependencyWarning: urllib3 (1.26.7) or chardet (3.0.4) doesn't match a supported version!

2021-12-19 02:30:56,859 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:ugaw91:Device:12345

Message received from User: {"hello"}

{"hello"}

Message received from User: {"shanzeh"}

{"hello"}

Message received from User: {"happy"}

{"hello"}

Message received from User: {"bye"}

{"hello"}