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).

Code:

```
import wiotp.sdk.device
import time

import random
myConfig = {

"identity": {
"orgId":"d9cbnt",
"typeId": "Firstdevicee"
"deviceId" : "09876"

"auth": 1

"token": "1234567890"

def myCommandcallback (cmd):
print ("Message received from IBM IOT Platform: *%s" % cmd.data [ 'command' ] )
#m=cmd.data['command ']

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

while True:

client.commandCallback = myCommandCallback
time.sleep (2)
client.disconnect ()
```
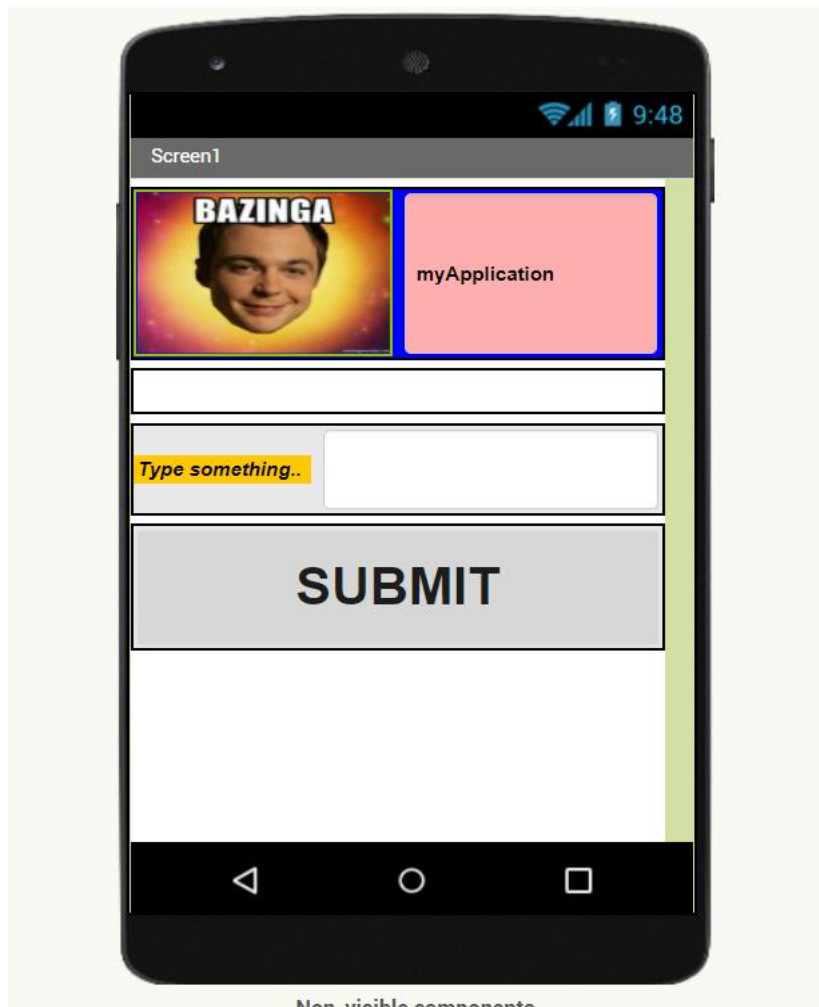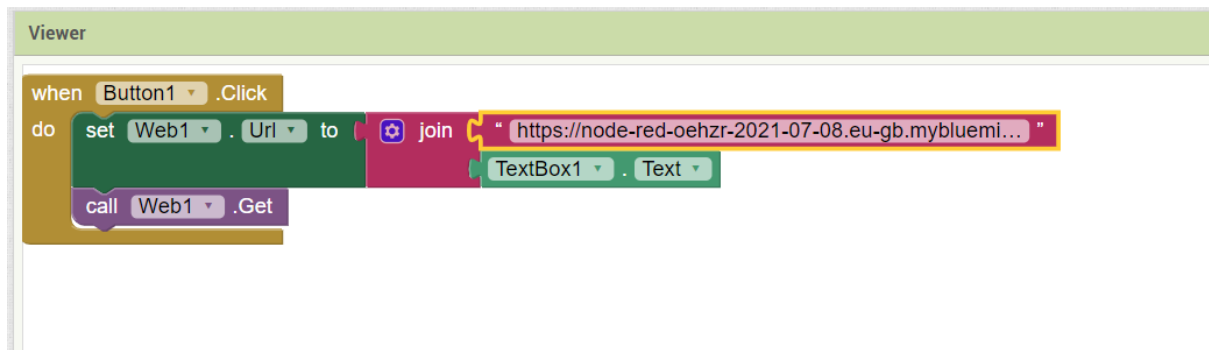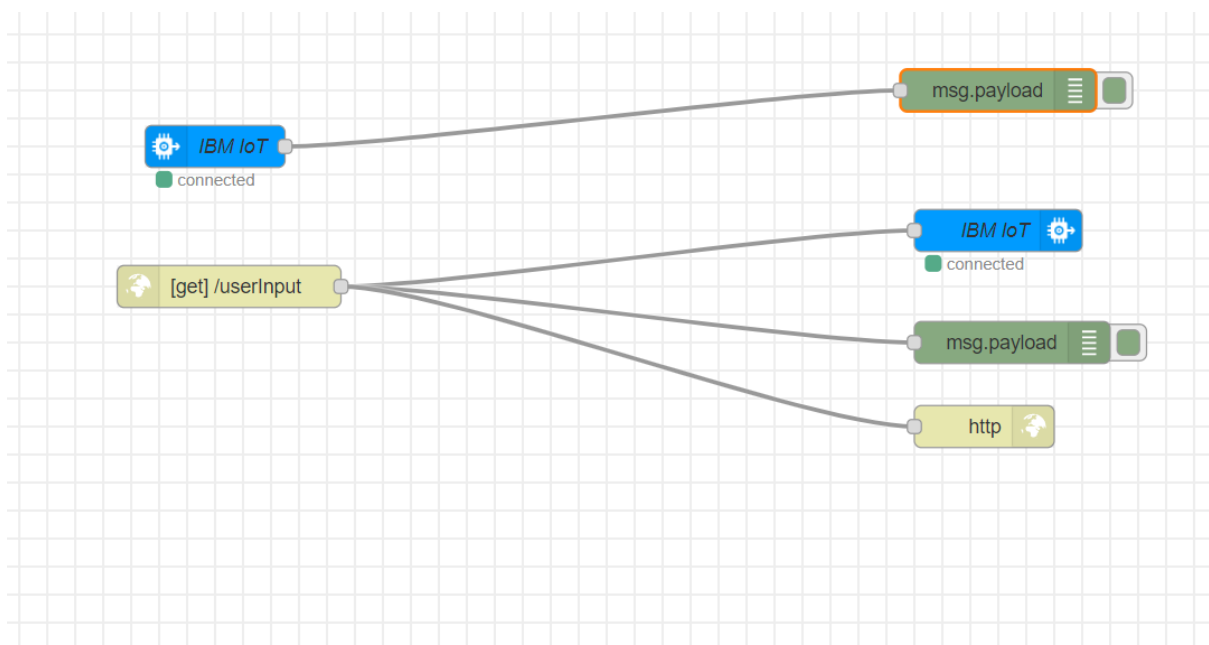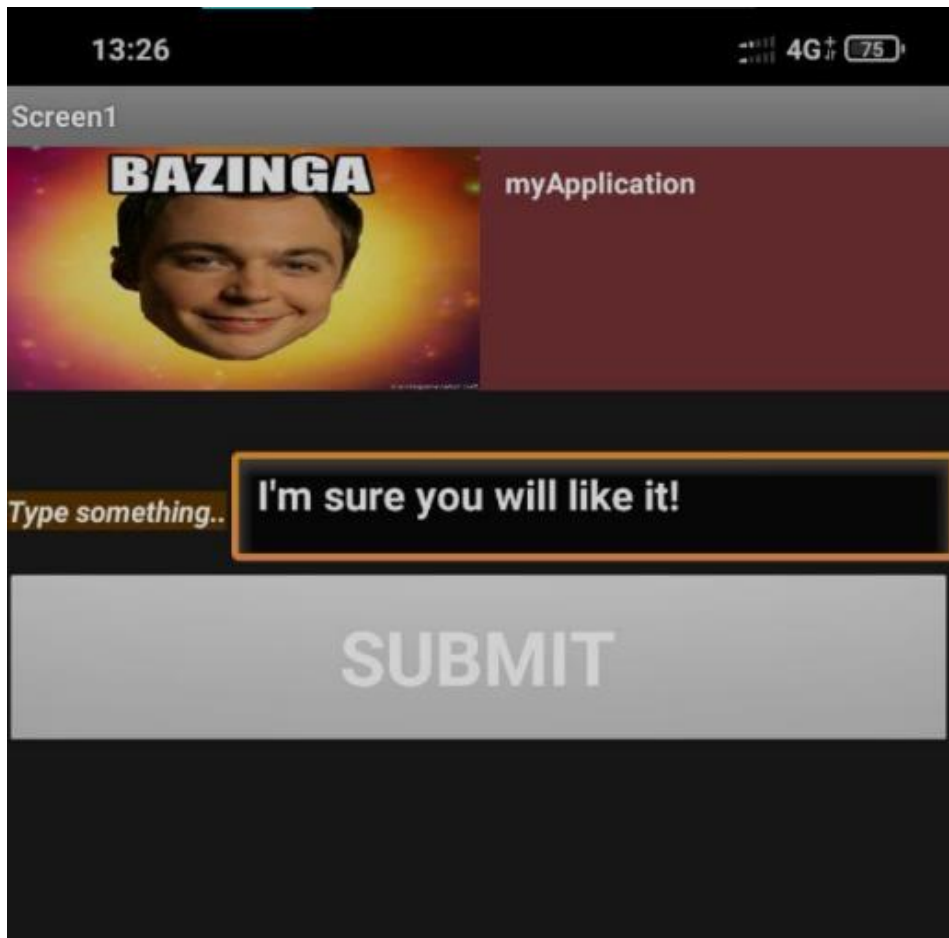
Application UI

Blocks to function the above UI

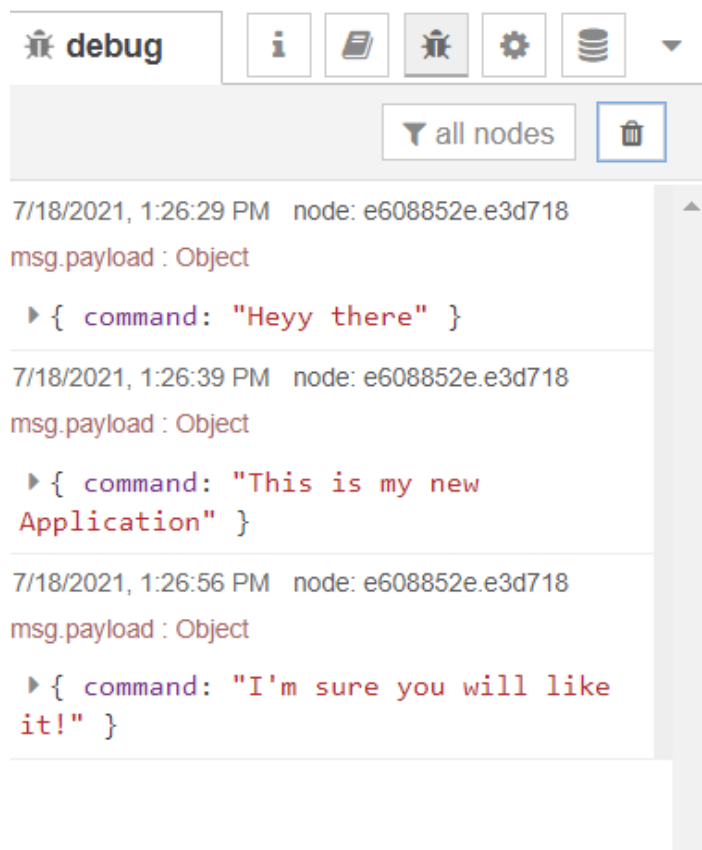## Node-red Flow that connects the IBMIoT with the Application

Input through the App:

Outputs:

Node-red Debug Screen:

Py shell: