Assignment 4

Code

```python
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "gi93ip",
        "typeId": "VITAp",
        "deviceId":"8127"
    },
    "auth": {
        "token": "9989108789"
    }
}

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:
    val = input("Enter your value: ")
    print(val)
    #level=random.randint(0,100)
    #intensity=random.randint(0,100)
    #myData={'watertanklevel':level, 'lightintensity':intensity}

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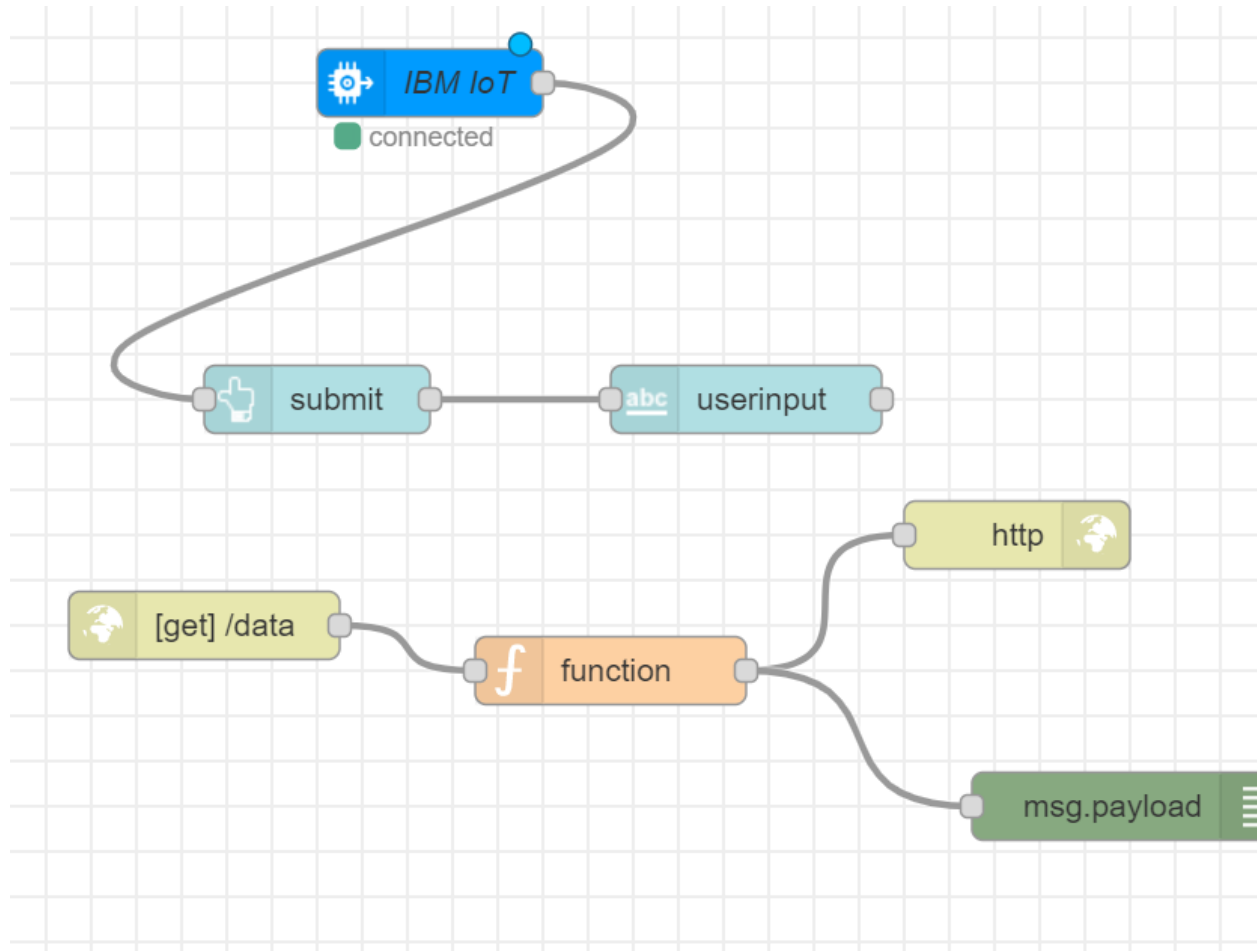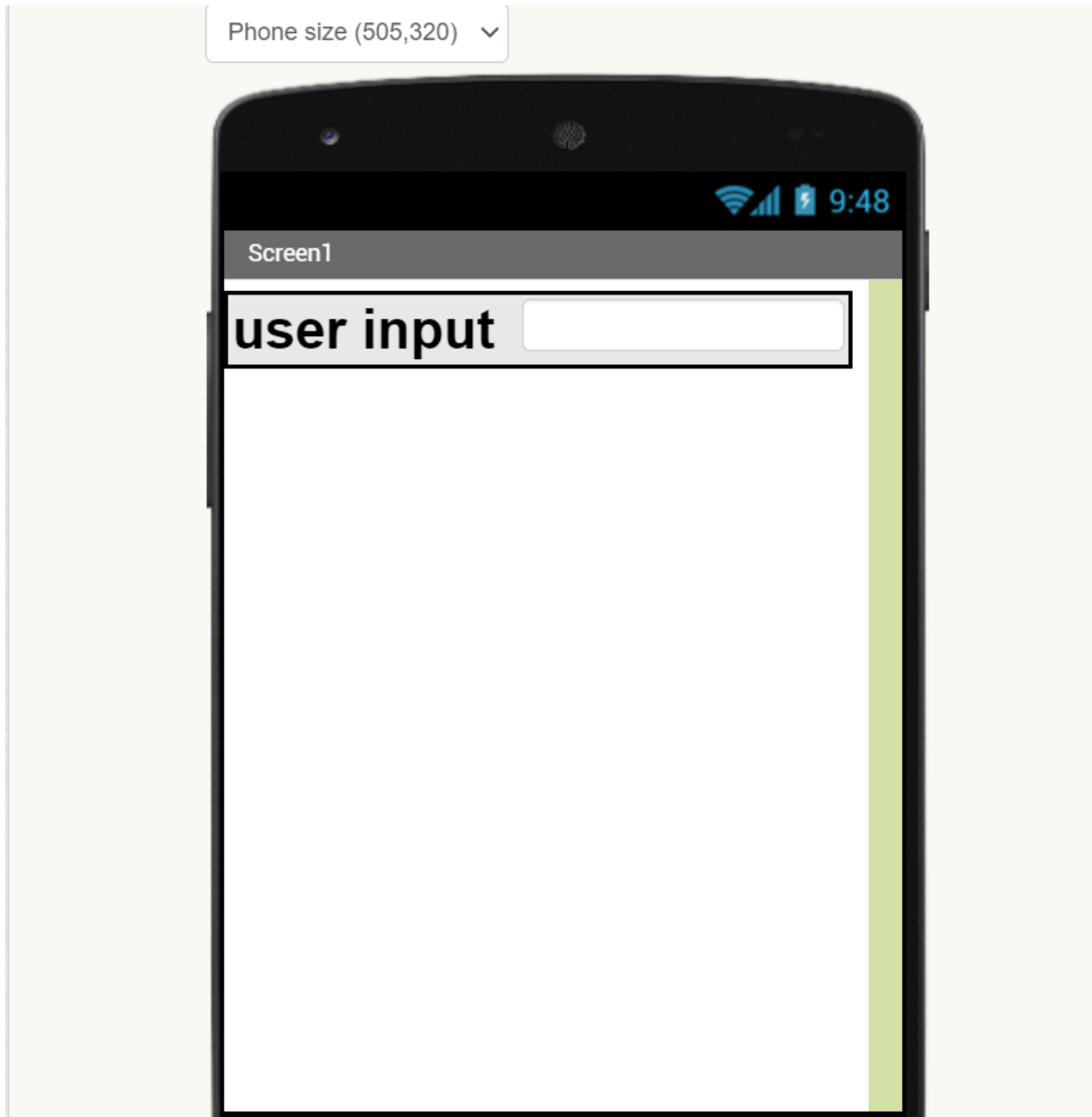
```
    time.sleep(2)
client.disconnect()
```

DESIGN

Screen1

user input

RESULT

7/19/2021, 11:29:54 PM   node: 882809ed.ca8de8 ▼

iot-2/type/VITAp/id/8127/evt/status/fmt/json :

msg.payload : Object

▶ { user input: "54" }