

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.

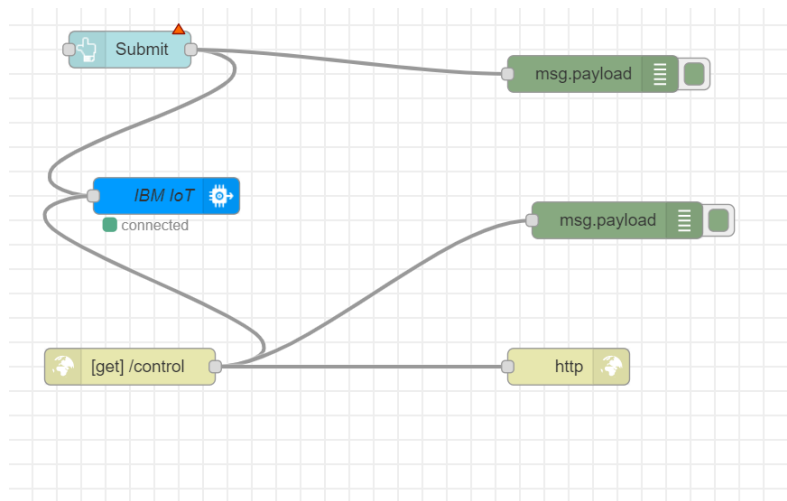
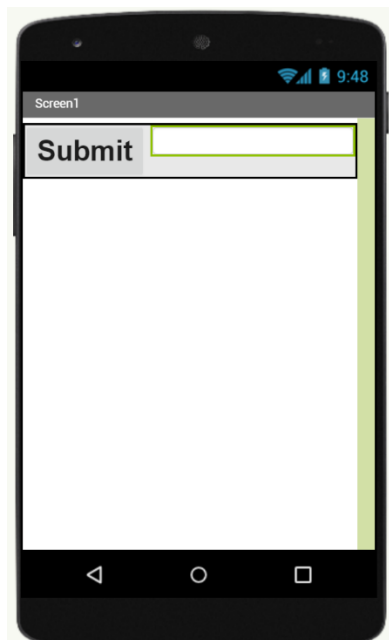
Keep a text box to accept the user input. Integrate a submit button.

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).

```
import wiotp.sdk.device
import time
myConfig = {
    "identity": {
        "orgId": "h9waei",
        "typeId": "Valadi",
        "deviceId": "12345"
    },
    "auth": {
        "token": "1234567890"
    }
}
def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %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()
```



Blocks Arrangement

