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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).

Python code:

```
import wiotp.sdk.device
import time
import random
myConfig = { "identity": {"orgId": "ewd3f5", "typeId": "iotdevice",
"deviceId":"0825" },
"auth": { "token": "SaiPavan13214" }

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()
```

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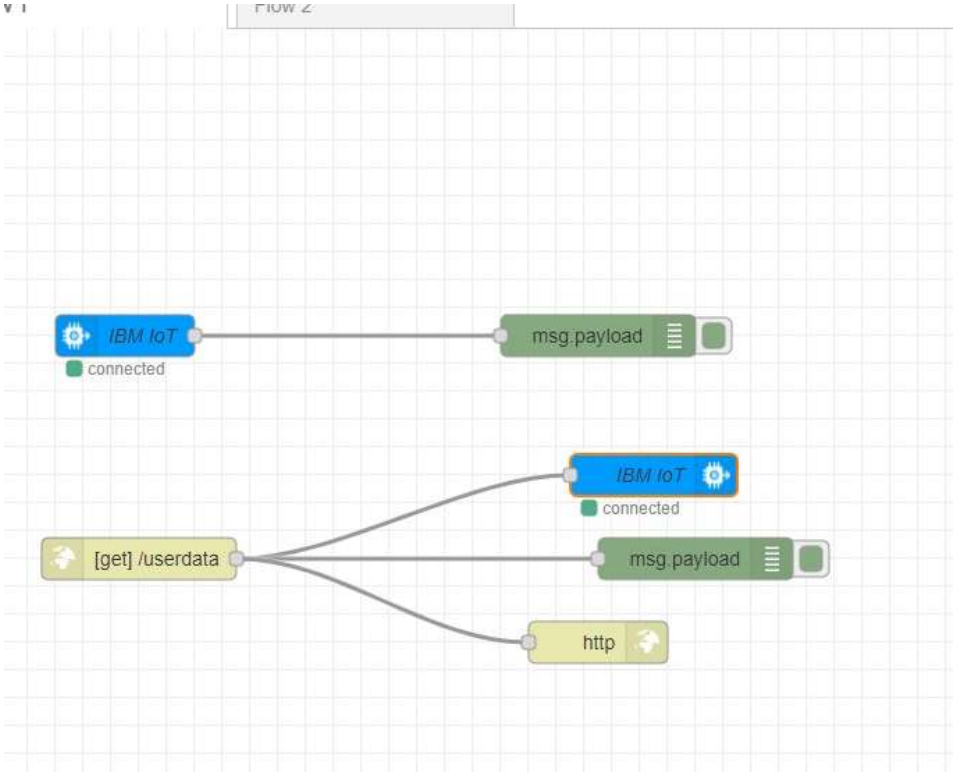

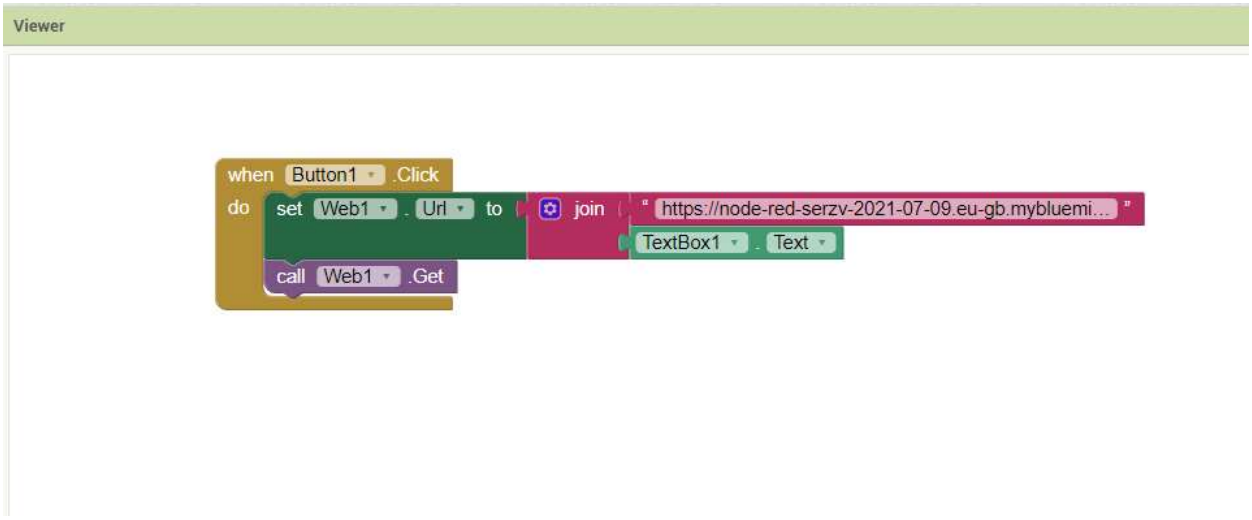

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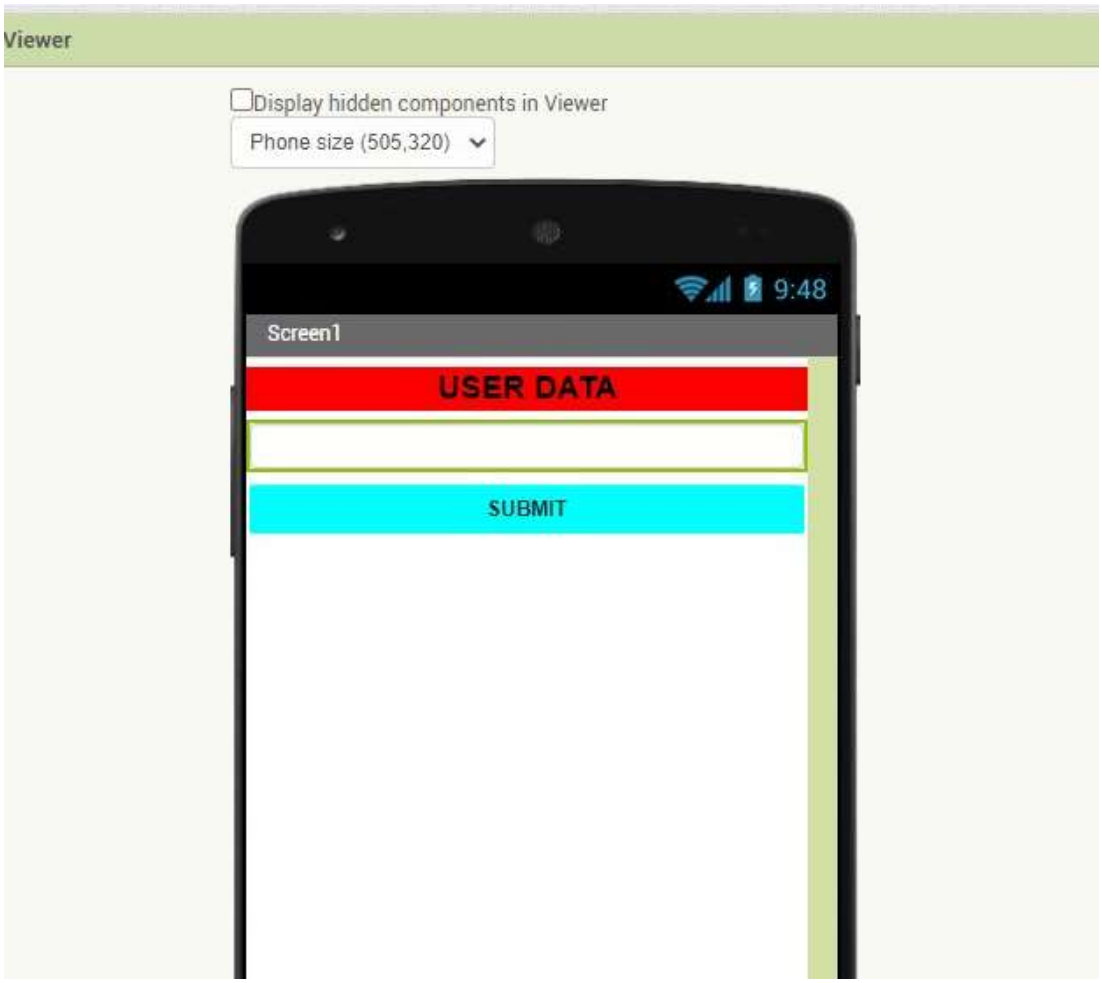

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Output: