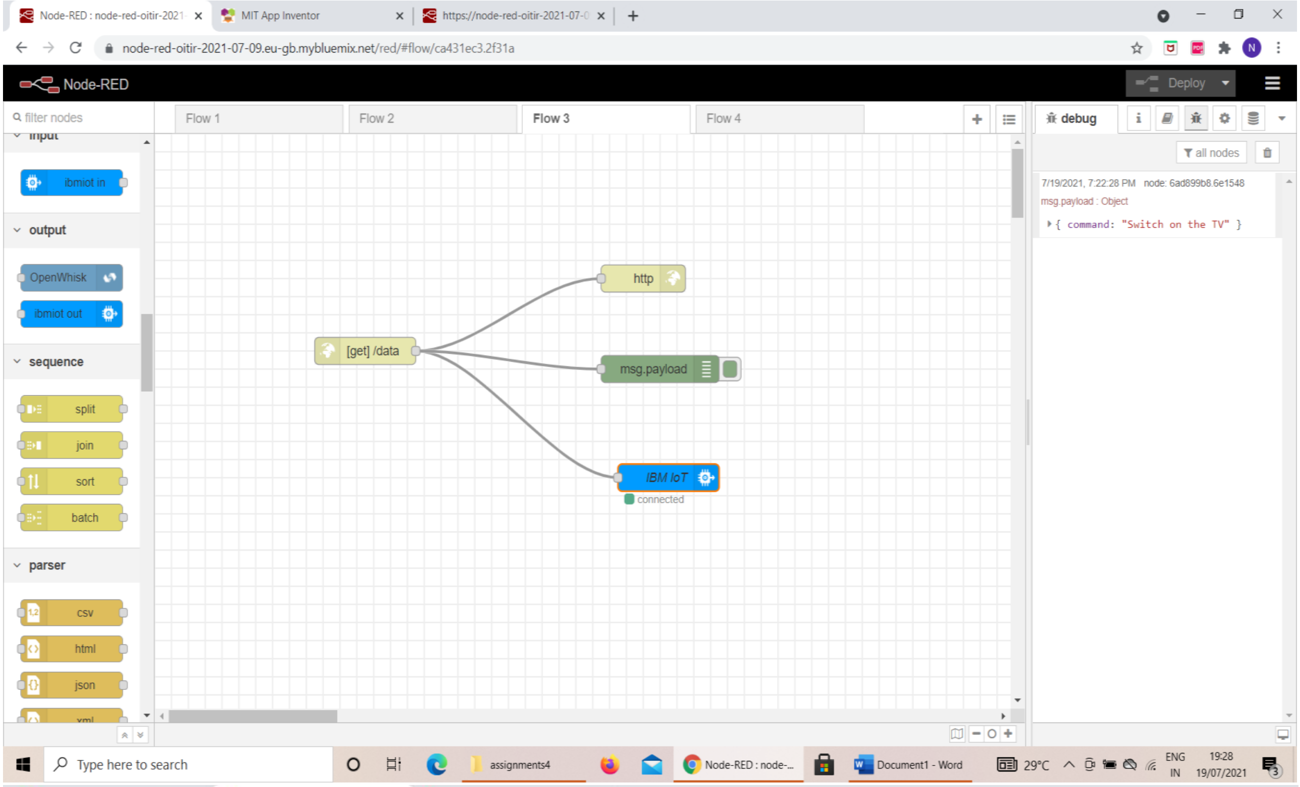
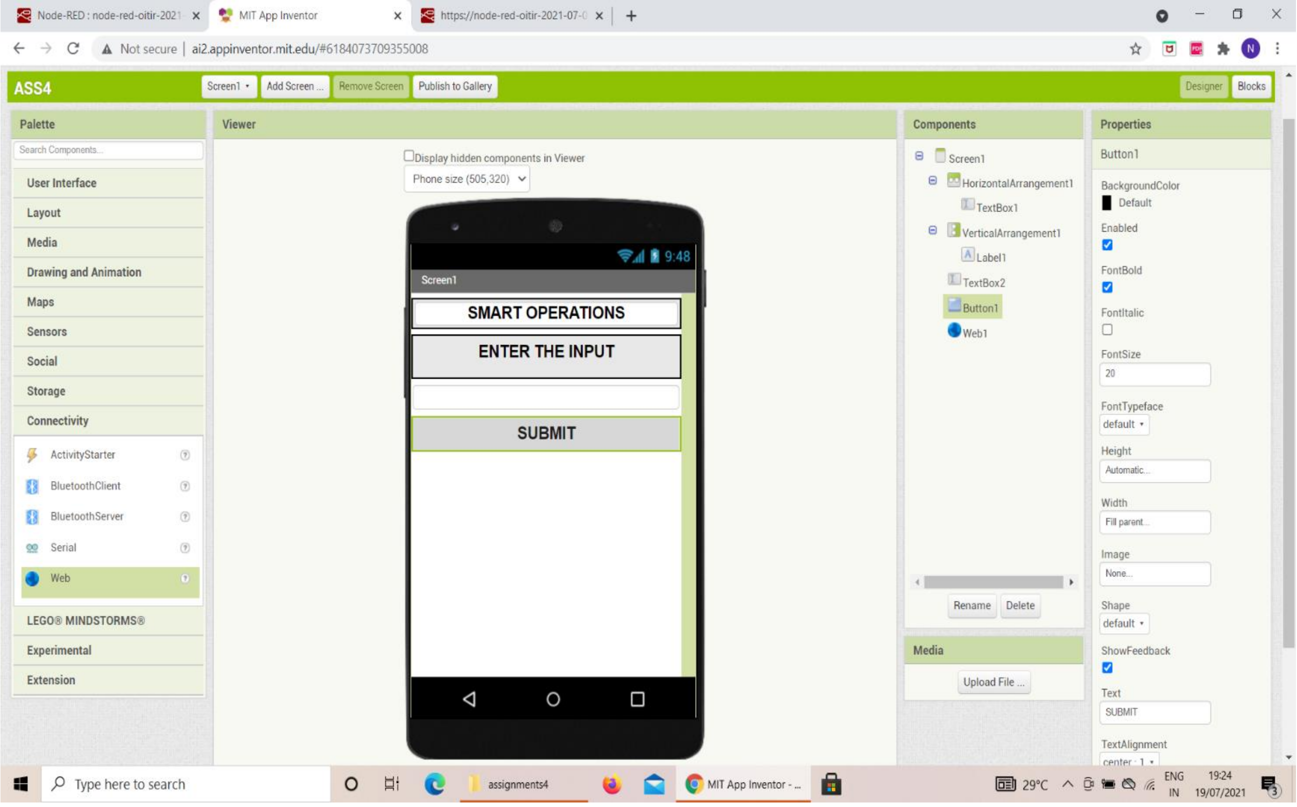
ASSESMENT – 4

NAME:N.VARUN KRISHNA ROLL.NO:19BEC0273



```
7/19/2021, 7:22:28 PM   node: 6ad899b8.6e1548
msg.payload : Object
{ command: "Switch on the TV" }
```



Properties

Button1

BackgroundColor
Default

Enabled
☑

FontBold
☑

FontItalic
□

FontSize
20

FontTypeface
default

Height
Automatic...

Width
Fill parent...

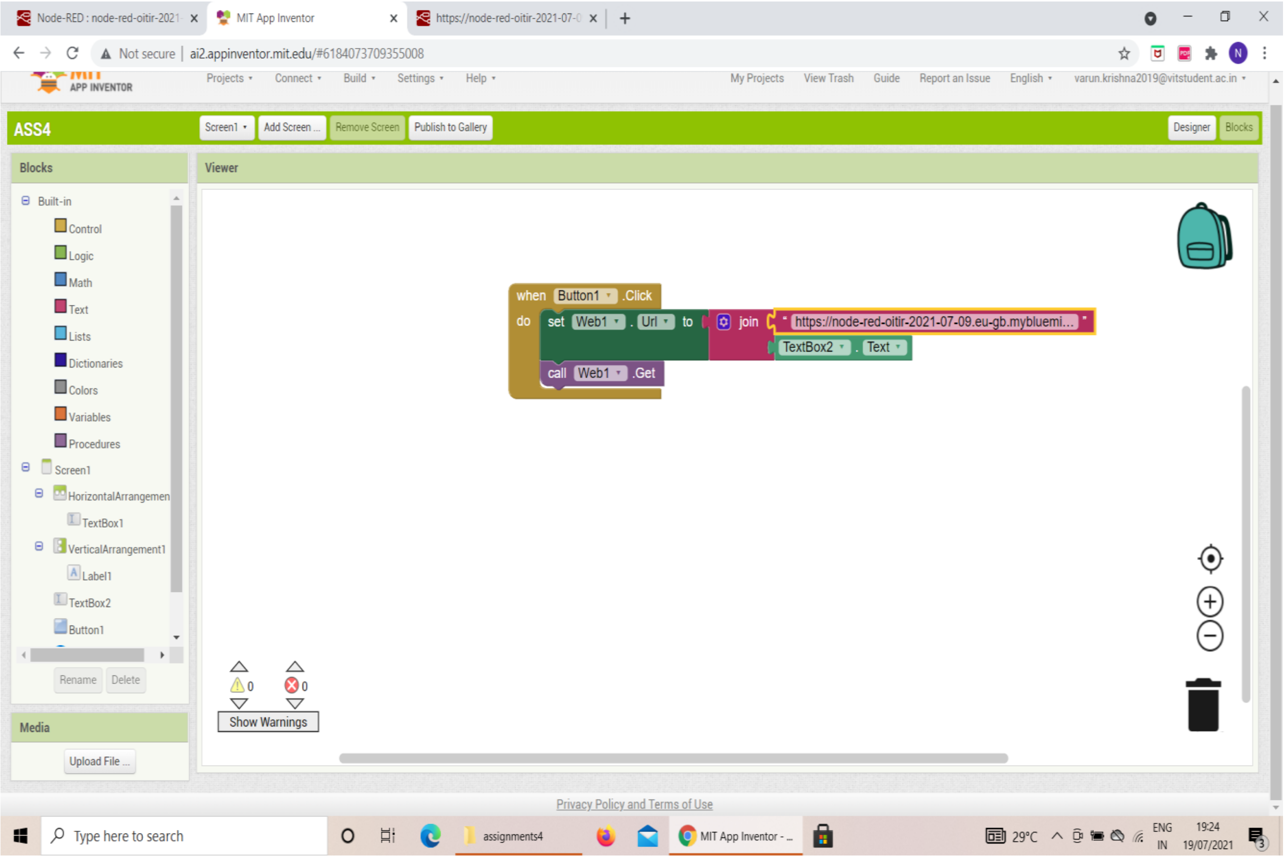
Image
None...

Shape
default

ShowFeedback
☑

Text
SUBMIT

TextAlignment
center : 1

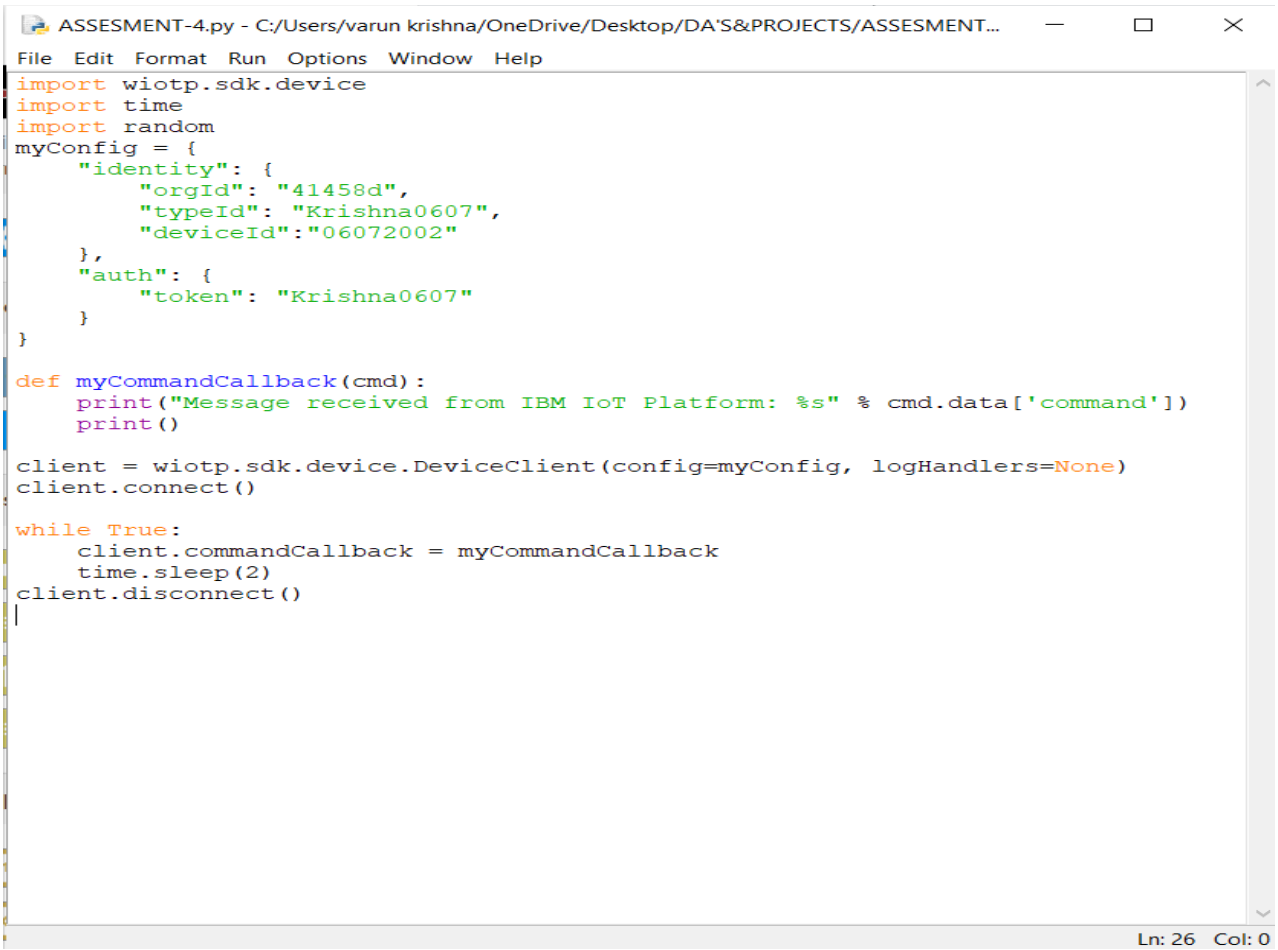


```
when Button1 .Click
do  set Web1 . Url to  join  " https://node-red-oitir-2021-07-09.eu-gb.mybluemi... "
                             TextBox2 . Text
    call Web1 .Get
```

PYTHON CODE:

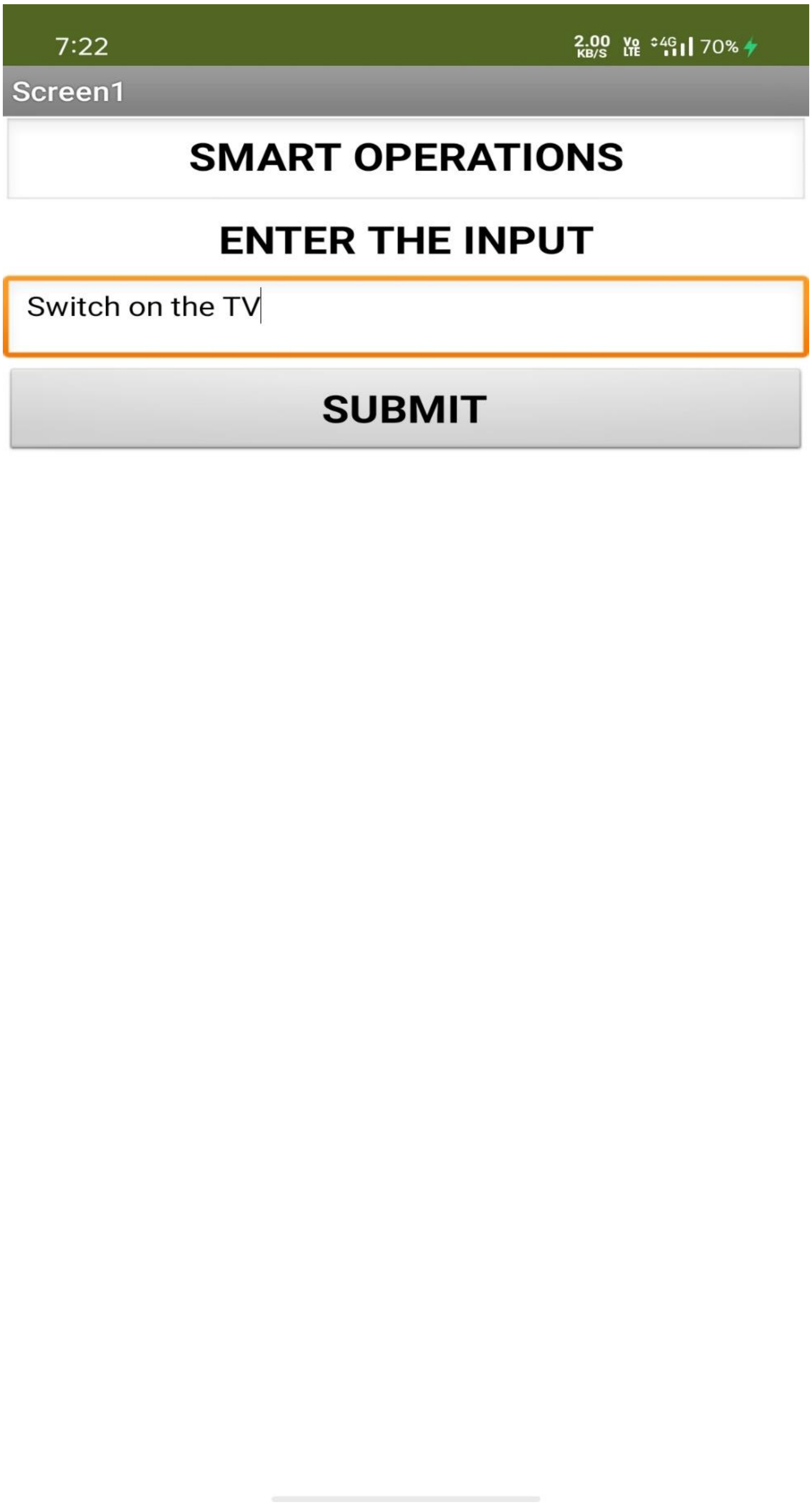
```
import wiotp.sdk.device

import time

import random

myConfig = {

    "identity": {

        "orgId": "41458d",

        "typeId": "Krishna0607",

        "deviceId":"06072002"

    },

    "auth": {

        "token": "Krishna0607"

    }

}
```

```
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()
```


ASSESMENT-4.py - C:/Users/varun krishna/OneDrive/Desktop/DA'S&PROJECTS/ASSESMENT...
File
Edit
Format
Run
Options
Window
Help
Ln: 26
Col: 0

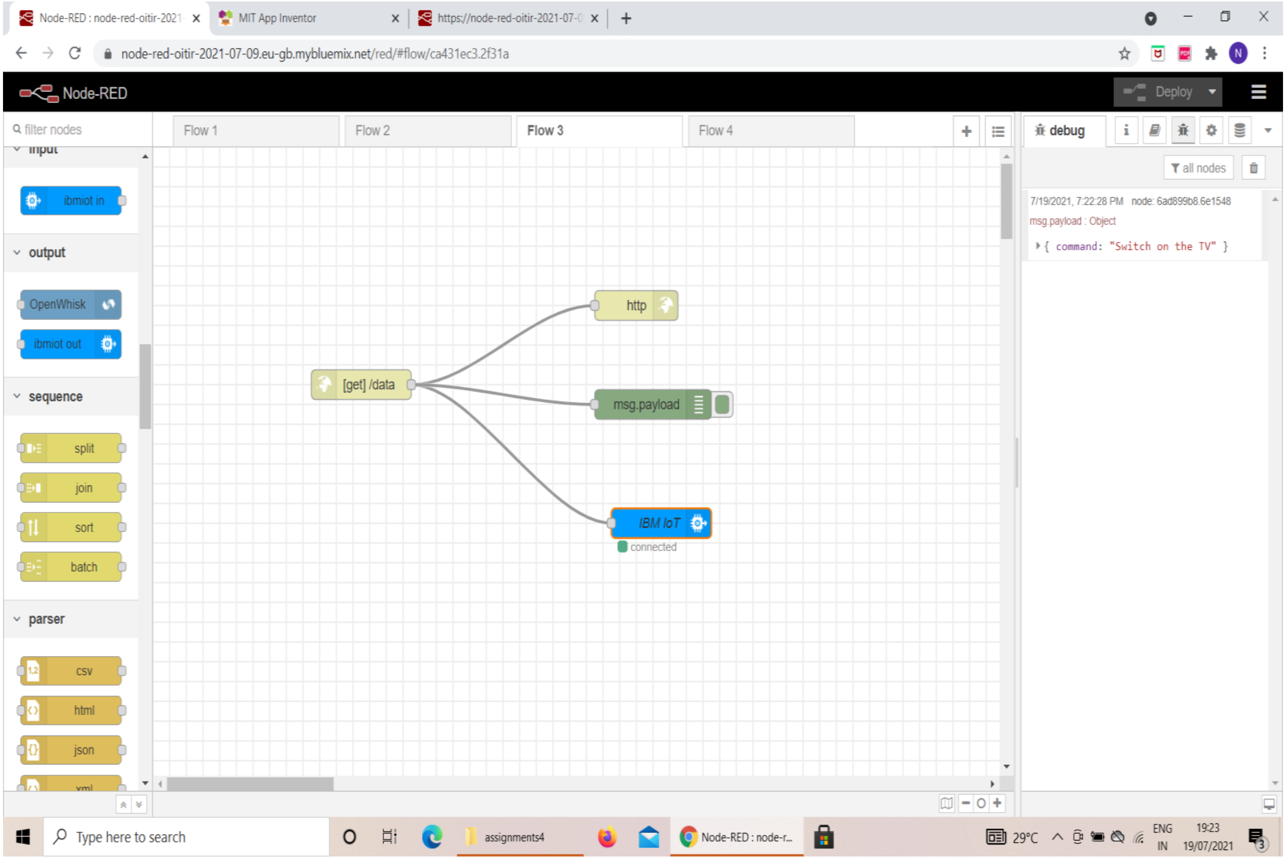
```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "41458d",
        "typeId": "Krishna0607",
        "deviceId":"06072002"
    },
    "auth": {
        "token": "Krishna0607"
    }
}

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()
```

AFTER USER ENTERING THE INPUT:

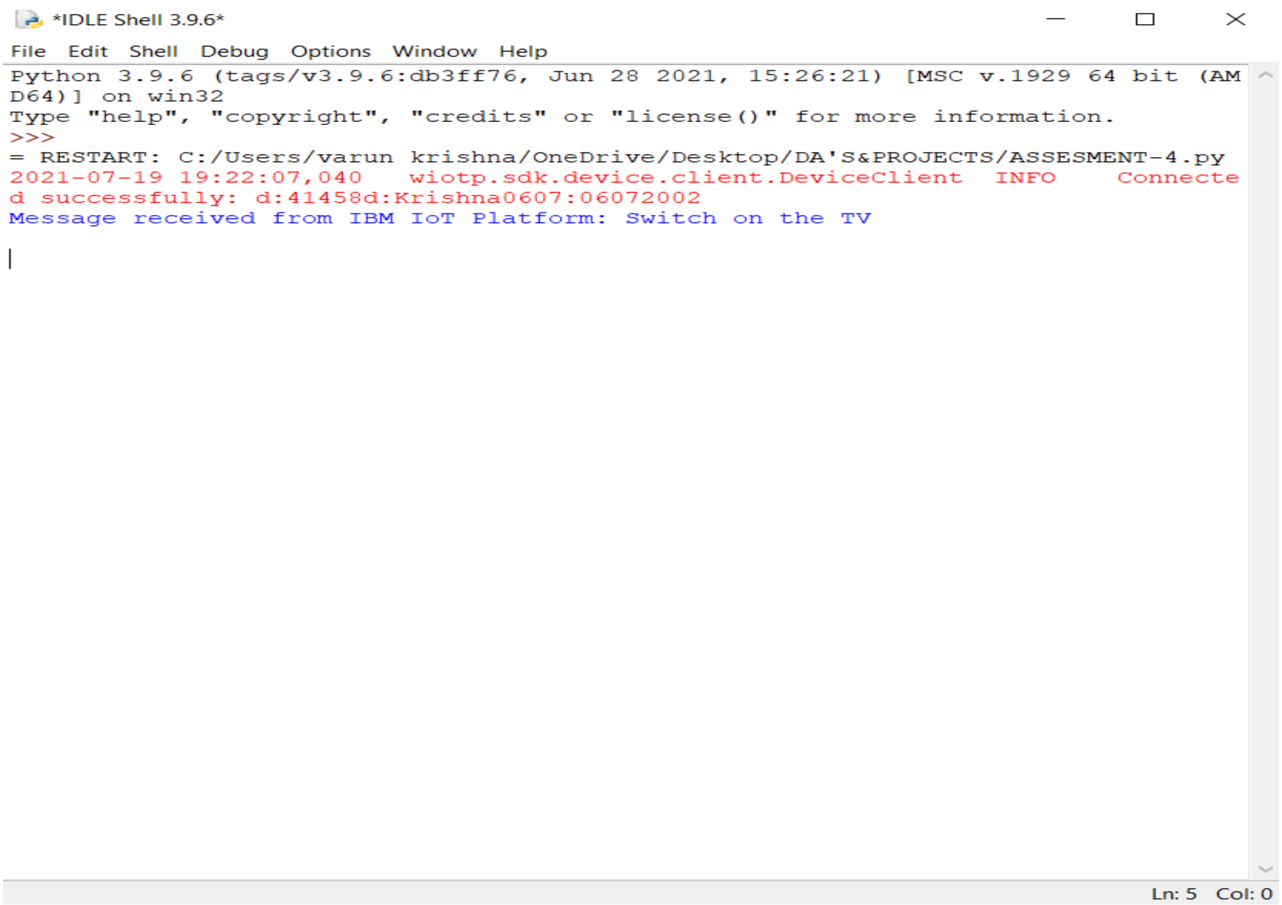


Switch on the TV

TEXT RECEIVED:



```
7/19/2021, 7:22:28 PM   node: 6ad899b8.6e1548
msg.payload : Object
▸{ command: "Switch on the TV" }
```



```
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> 
= RESTART: C:/Users/varun krishna/OneDrive/Desktop/DA'S&PROJECTS/ASSESMENT-4.py
2021-07-19 19:22:07,040   wiotp.sdk.device.client.DeviceClient  INFO    Connecte
d successfully: d:41458d:Krishna0607:06072002
Message received from IBM IoT Platform: Switch on the TV
```