

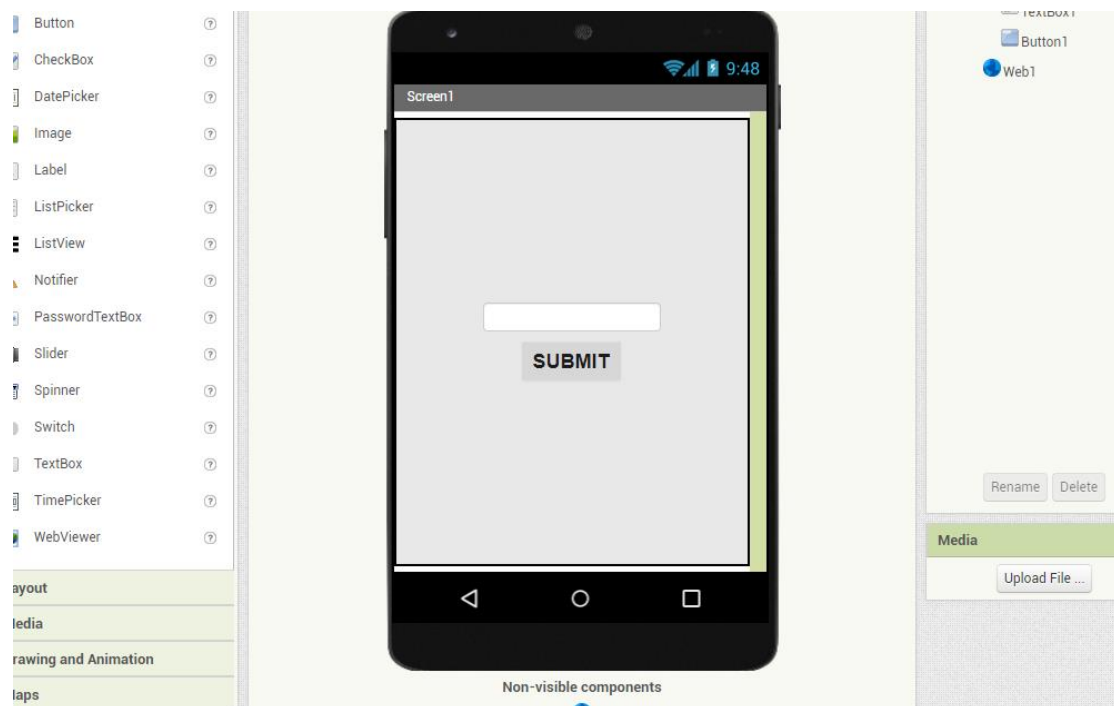
ASSIGNMENT 4

Develop a mobile application that takes the user input and sends it to IoT device (python code). print the received data in python shell.

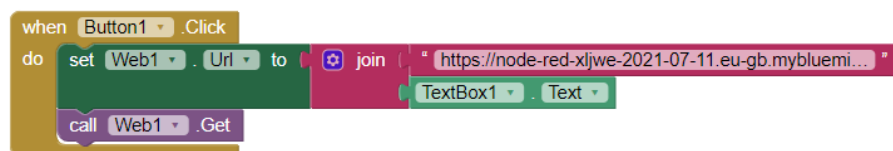
Keep a text box to accept the user input.integrate a submit button.

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).

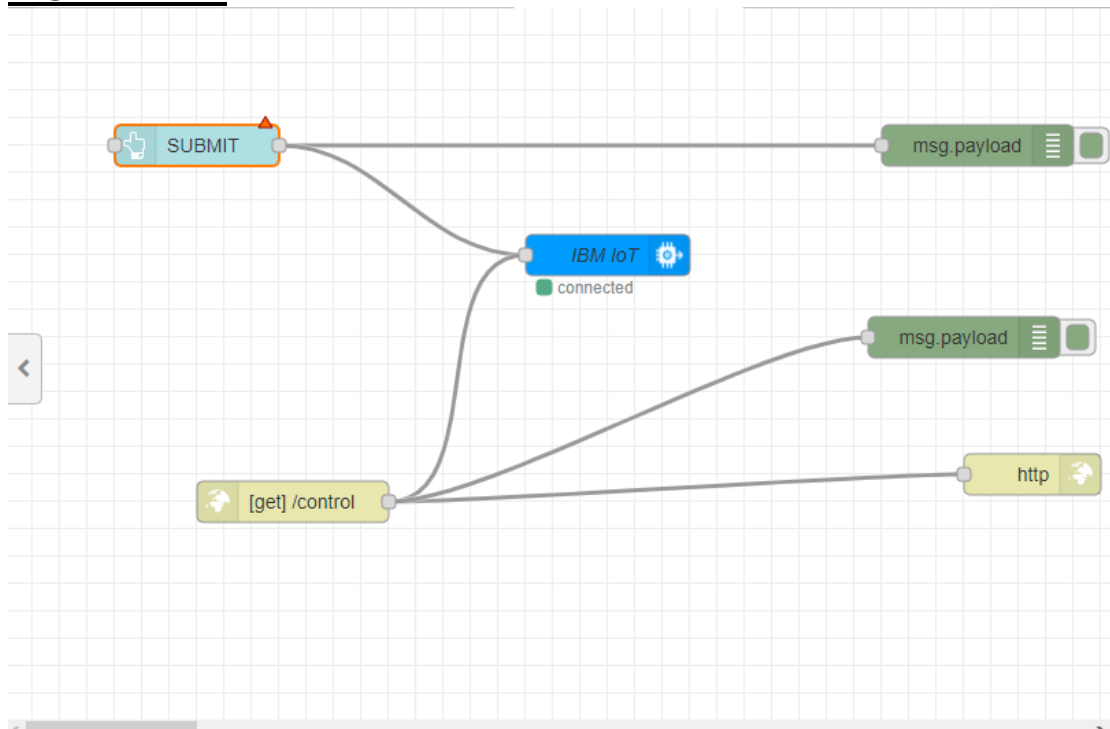
MIT APP (DESIGNER)



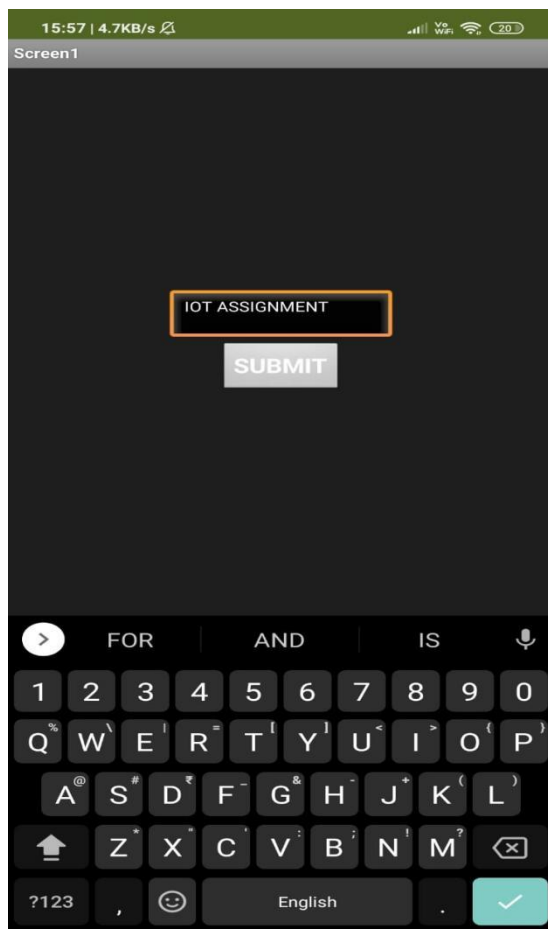
MIT APP (BLOCKS)



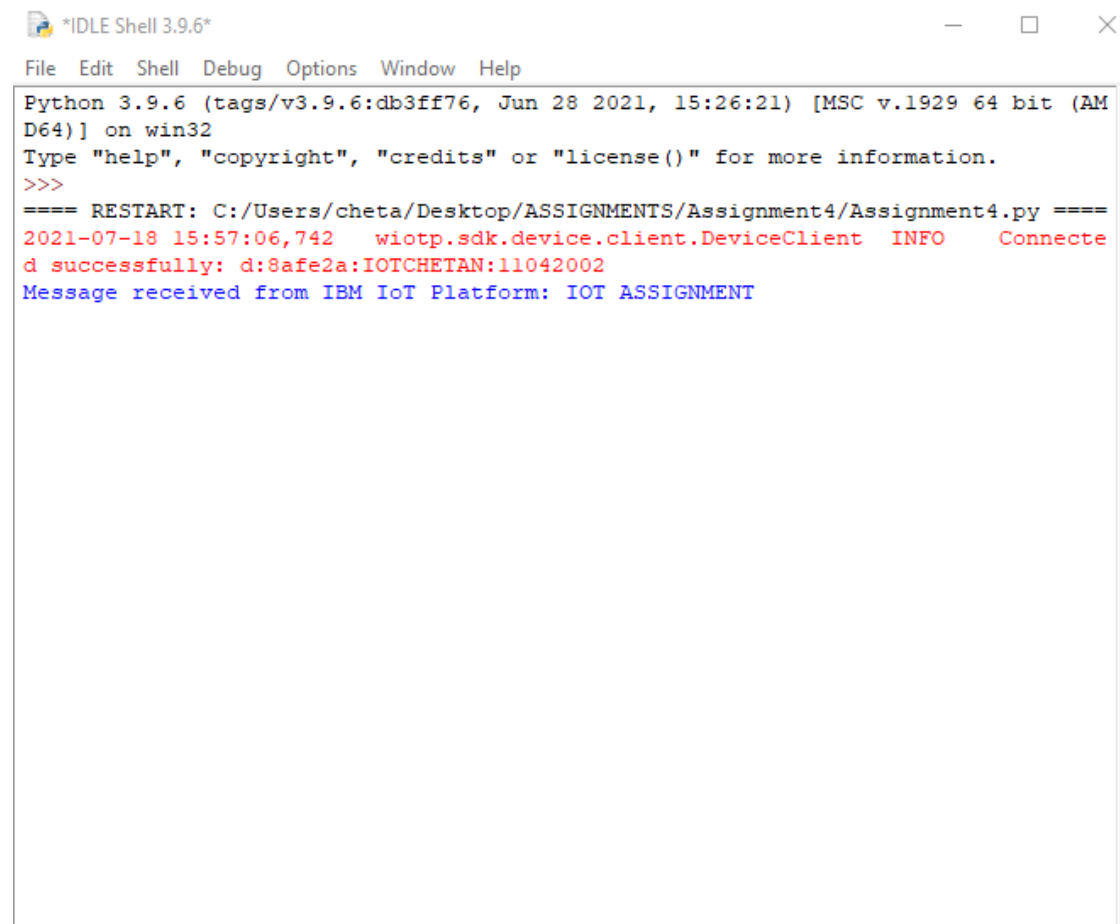
NODE RED



MOBILE APPLICATION



PYTHON SHELL



The screenshot shows a window titled '*IDLE Shell 3.9.6*' with a standard menu bar (File, Edit, Shell, Debug, Options, Window, Help). The main text area displays the following output from a Python script:

```
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/cheta/Desktop/ASSIGNMENTS/Assignment4/Assignment4.py ====
2021-07-18 15:57:06,742    wiotp.sdk.device.client.DeviceClient  INFO    Connected successfully: d:8afe2a:IOTCHETAN:11042002
Message received from IBM IoT Platform: IOT ASSIGNMENT
```