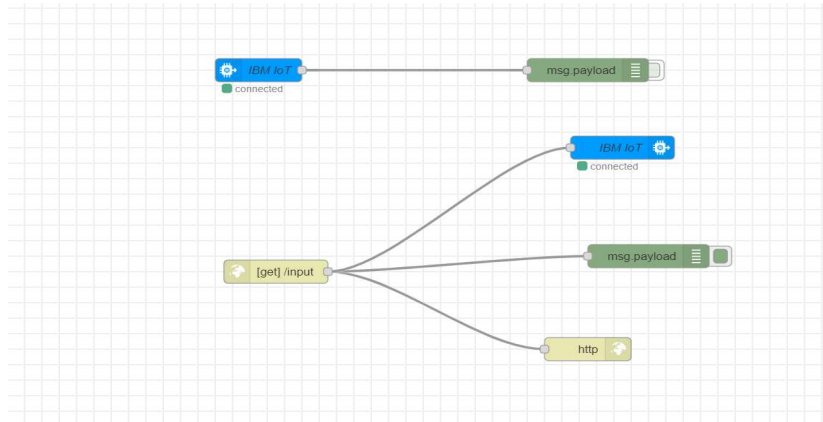# ASSIGNMENT-4
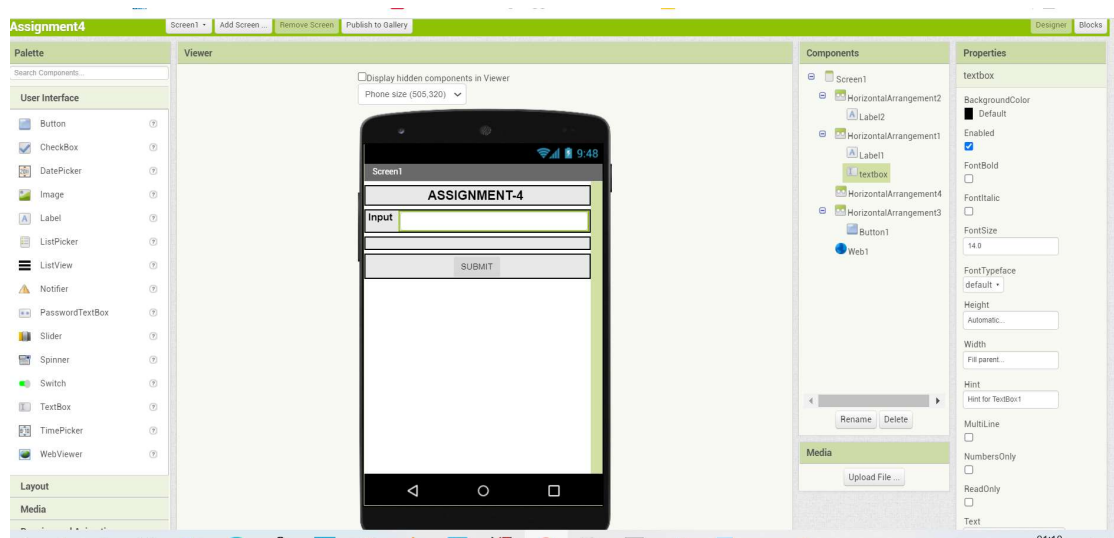
Name: Shreyansh kumar

Reg no: 19BEC1246
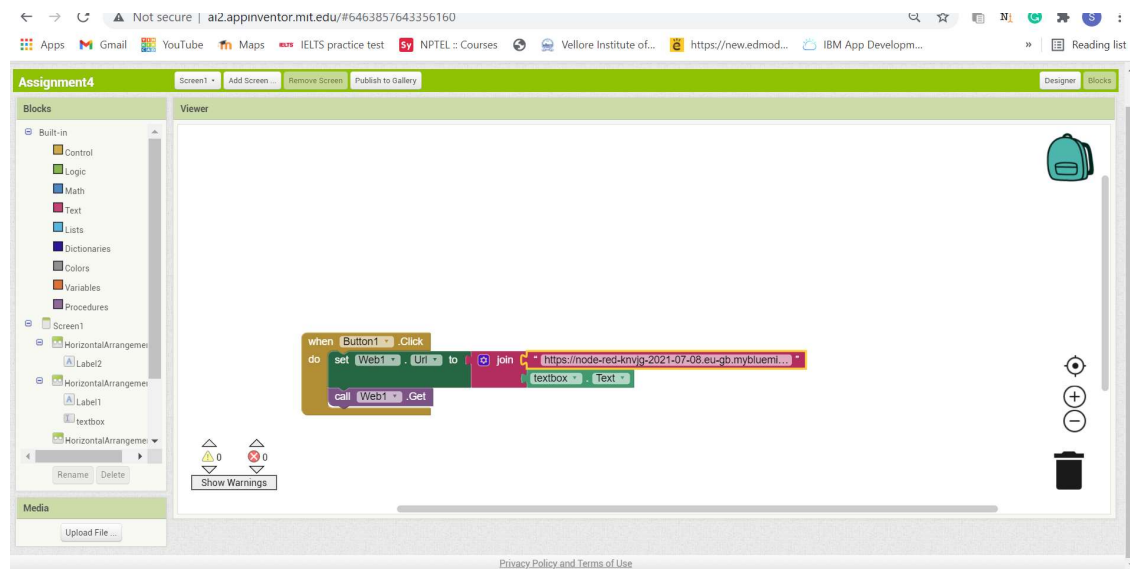
**Node Red Flow:**



**MIT app inventor (Designer):**

## MIT app inventor (Blocks):



## Python Code:

```python
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "1z1sjs",
        "typeId": "VITshre",
        "deviceId":"700425"
    },
    "auth": {
        "token": "7004251110"
    }
}

def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])


client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

while True:
    client.commandCallback = myCommandCallback
    time.sleep(2)
client.disconnect()
```

**Output (From MIT AI2 Companion):**