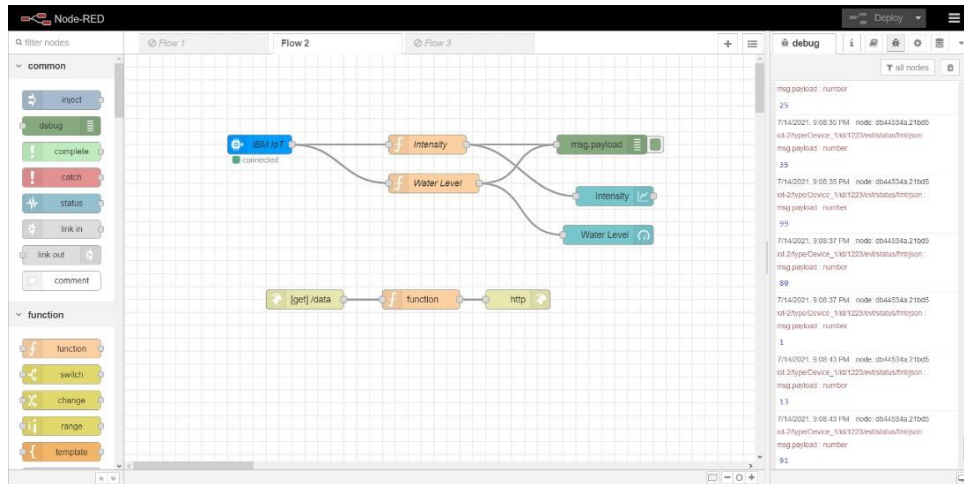


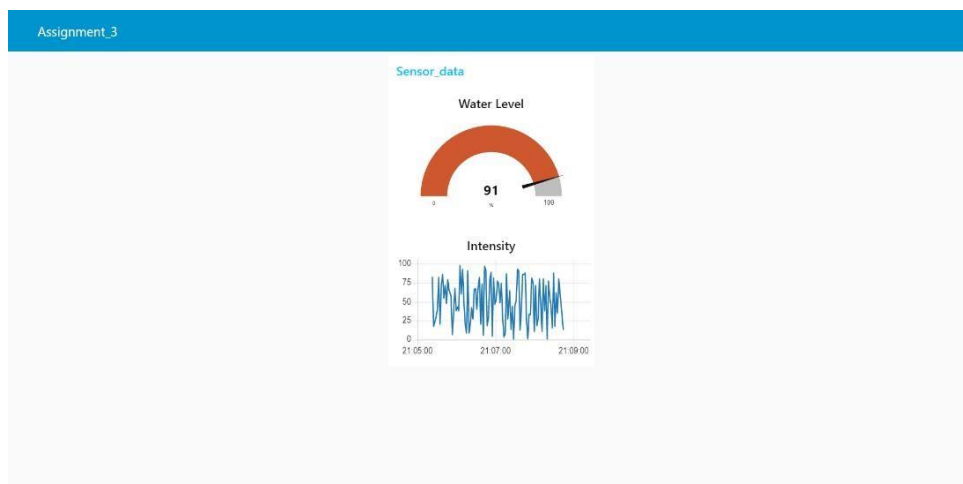
## ASSIGNMENT – 03

Keshanapalli  
vashwanth

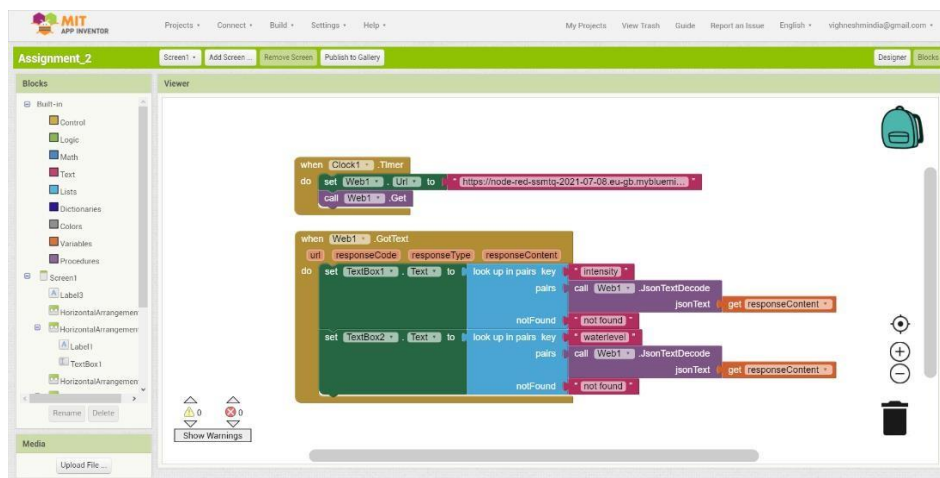
### NODE-RED FLOW:



### NODE-RED DASHBOARD OUTPUT:



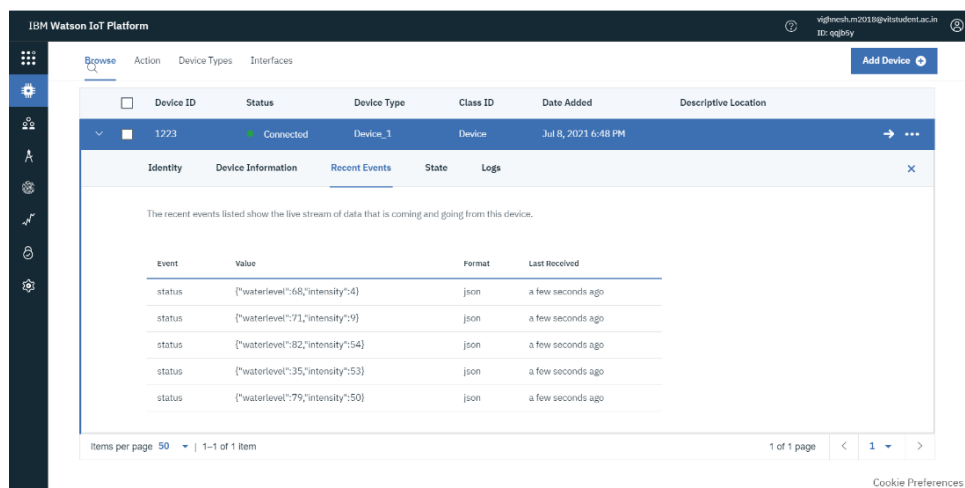
### MIT APP BUILDER BLOCKS:



## JSON Output in URL

```
{"intensity":13,"waterlevel":91}
```

## IBM CLOUD OUTPUT:



The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a table of devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The first device listed is ID 1223, status 'Connected', type 'Device\_1', class 'Device', added on Jul 8, 2021 at 6:48 PM, and location 'Descriptive Location'. Below the table, there is a section for 'Recent Events' with a sub-header 'Identity', 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' section contains a table with columns: Event, Value, Format, and Last Received. The events listed are status updates with values like ['waterlevel':66,'intensity':4] and ['waterlevel':71,'intensity':9], all in json format and received a few seconds ago.

Event	Value	Format	Last Received
status	["waterlevel":66,"intensity":4]	json	a few seconds ago
status	["waterlevel":71,"intensity":9]	json	a few seconds ago
status	["waterlevel":82,"intensity":54]	json	a few seconds ago
status	["waterlevel":35,"intensity":53]	json	a few seconds ago
status	["waterlevel":79,"intensity":50]	json	a few seconds ago

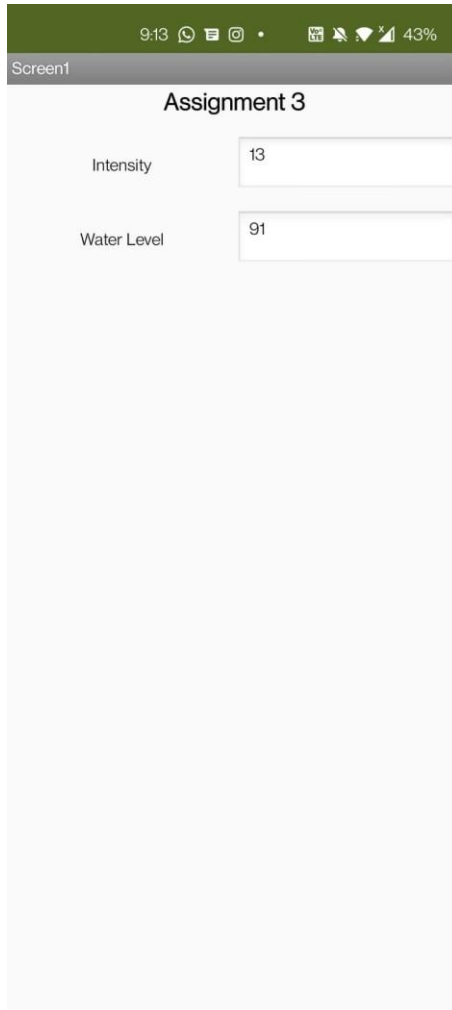
## CONSOLE OUTPUT IN PYTHON:

```
Python 3.8.5 (default, Sep 3 2020, 21:29:08) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 7.19.0 -- An enhanced Interactive Python.

In [1]: runfile('F:/VIT_1/Externship/SI-GuidedProject-3835-1625657331/
ASSIGNMENTS/Assignment-3/Assignment_3.py', wdir='F:/VIT_1/Externship/SI-
GuidedProject-3835-1625657331/ASSIGNMENTS/Assignment-3')
2021-07-14 23:32:15,109 wiotp.sdk.device.client.DeviceClient INFO
Connected successfully: d:qqjb5y:Device_1:1223
Published data Successfully: %s {'waterlevel': 6, 'intensity': 25}
Published data Successfully: %s {'waterlevel': 39, 'intensity': 96}
Published data Successfully: %s {'waterlevel': 61, 'intensity': 47}
Published data Successfully: %s {'waterlevel': 65, 'intensity': 74}
Published data Successfully: %s {'waterlevel': 62, 'intensity': 6}
```

MOBILE APPLICATION:



9:13 WhatsApp Messenger Instagram • [Icons] 43%

Screen1

### Assignment 3

Intensity	<input type="text" value="13"/>
Water Level	<input type="text" value="91"/>