Using Dashboard Nodes For Creating UI:

Date	17th November 2022
Team ID	PNT2022TMID15034
Project Name	IOT Based Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Mark

Browse | Action | Device Types | Interfaces

Add Device ⊕

Search by Device ID

Device Simulator 🔘

		Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By
⌄	▪	12345	● Connected	MyDeviceType	Device	19 Nov 2022 15:09		sprateekcs01@gmail.com

Identity | Device Information | **Recent Events** | State | Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
status	{"turbidity":55,"Ph_Value":3}	json	a few seconds ago
status	{"turbidity":47,"Ph_Value":5}	json	a few seconds ago
status	{"turbidity":52,"Ph_Value":1}	json	a few seconds ago
status	{"turbidity":9,"Ph_Value":9}	json	a few seconds ago
status	{"turbidity":73,"Ph_Value":14}	json	a few seconds ago

0 Simulations running

Node-RED

Deploy

filter nodes

Flow 1 | **Flow 2**

common
- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function
- function
- switch
- change
- range
- template

Node-RED

Deploy

Flow 1 Flow 2

Edit function node

Delete Cancel Done

Properties

Name: Turbidity

Setup | On Start | On Message | On Stop

```
1  msg.payload=msg.payload.turbidity;
2  global.set('t',msg.payload);
3  return msg;
```

IBM IoT → Turbidity
Ph_value

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Enabled

Node-RED

Deploy

Flow 1 Flow 2

Edit function node
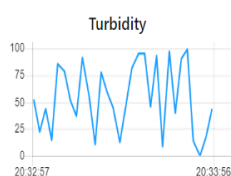
Delete Cancel Done

Properties

Name: Ph_value

Setup | On Start | On Message | On Stop

```
1  msg.payload=msg.payload.Ph_Value;
2  global.set('p',msg.payload);
3  return msg;
```

IBM IoT → Turbidity
Ph_value

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Enabled

ph

Turbidity

LIGHT ON

LIGHT OFF

Turbidity

44
unit

Ph-Value

13
unit