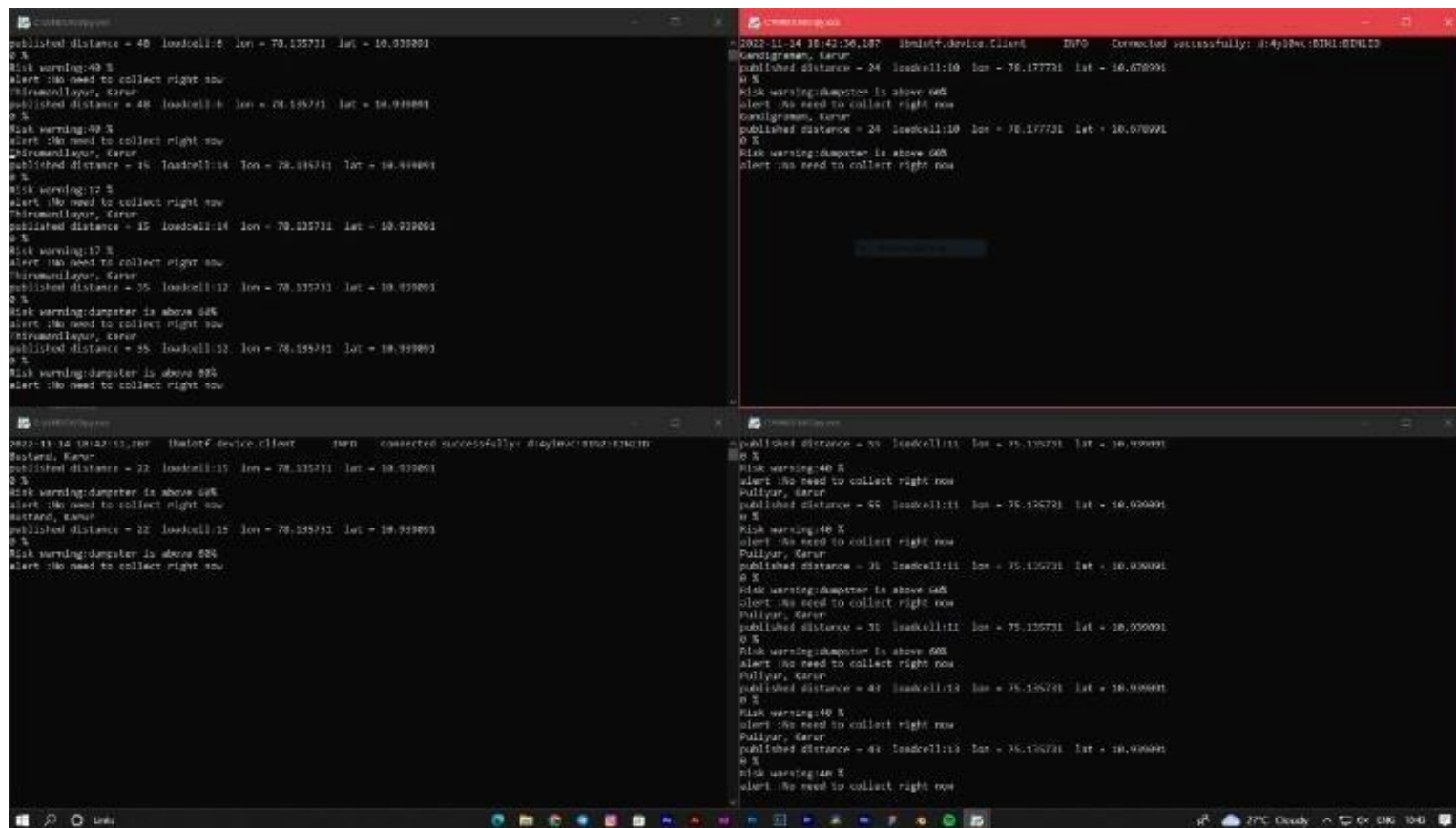


Develop a python script

Team ID	PNT2022TMID06075
Project Name	Smart waste management system for metropolitan cities

SPRIT 3 SCREEN SHOTS FOR SIMULATOR



TEAM ID : PNT2022TMID06075

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The image displays four screenshots of the IBM Watson IoT Platform interface, showing device drilldowns and event streams for various devices.

Top Left Screenshot: Shows the 'Device Drilldown - BIN1ID' page. The 'Recent Events' table lists events from IoT sensors. The 'State' section indicates that the device is 'Disconnected'.

Event	Value
IoT Sensor	{\"id\":\"14\",\"type\":\"...\"}
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}

Top Right Screenshot: Shows the 'Device Drilldown - BIN2ID' page. The 'Recent Events' table lists events from IoT sensors. The 'State' section indicates that the device is 'Disconnected'.

Event	Value
IoT Sensor	{\"id\":\"14\",\"type\":\"...\"}
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}

Bottom Left Screenshot: Shows the 'Device Drilldown - BIN3ID' page. The 'Recent Events' table lists events from IoT sensors. The 'State' section indicates that the device is 'Connected'.

Event	Value
IoT Sensor	{\"id\":\"14\",\"type\":\"...\"}
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}

Bottom Right Screenshot: Shows the 'Device Drilldown - BIN4ID' page. The 'Recent Events' table lists events from IoT sensors. The 'State' section indicates that the device is 'Connected'.

Event	Value
IoT Sensor	{\"id\":\"14\",\"type\":\"...\"}
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}

IBM Watson IoT Platform

https://4yi0vc.internetofthings.ibmcloud.com/dashboard/devices/browse

920219104302@smartinternz.com ID: 4yi0vc

Browse Action Device Types Interfaces Add Device

Assignment4	Disconnected	nodeMcu	Device	2022 07:20 12	920219104302@smartinter
BIN11D					
BIN21D					
BIN31D					
BIN41D	Connected	BIN4	Device	12 Nov 2022 10:32	920219104302@smartinter

Items per page 50 | 1-6 of 6 items 1 of 1 page

Node-RED Dashboard

http://127.0.0.1:1880/ui/#/1/1?socketid=-1er0USDnGJRDUhAAAB

control

Distance 1 LOAD CELL 1 Distance 2 LOAD CELL 2 Distance 3 LOAD CELL 3 Distance 4 LOAD CELL 4

0 0 10 8 27 15 61 9

Items per page 50 | 1-6 of 5 items 1 of 1 page

27°C Cloudy ENG 18:45

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Node-RED interface showing a flow diagram with four parallel processing paths (Distance 1, Distance 2, Distance 3, Distance 4) connected to various nodes like msg.payload, function, and http. The interface includes a sidebar with node categories (common, function, network) and a debug console on the right displaying log messages.

Flow Diagram Structure:

- Distance 1:** Starts with a `msg.payload` node, followed by a `function` node, then a `msg.payload` node, and finally a `LOAD CELL 1` node.
- Distance 2:** Starts with a `msg.payload` node, followed by a `function` node, then a `msg.payload` node, and finally a `LOAD CELL 2` node.
- Distance 3:** Starts with a `msg.payload` node, followed by a `function` node, then a `msg.payload` node, and finally a `LOAD CELL 3` node.
- Distance 4:** Starts with a `msg.payload` node, followed by a `function` node, then a `msg.payload` node, and finally a `LOAD CELL 4` node.

Debug Console Log (Partial):




```
{ dist: 40, load: 11 }
11/14/2022, 6:40:18 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
undefined
11/14/2022, 6:40:21 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
"alert :No need to collect right now"
11/14/2022, 6:40:21 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
undefined
11/14/2022, 6:40:21 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
{ dist: 15, load: 8 }
11/14/2022, 6:40:21 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
86
11/14/2022, 6:40:22 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
undefined
11/14/2022, 6:40:22 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
{ dist: 58, load: 9 }
11/14/2022, 6:40:22 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
58
11/14/2022, 6:40:28 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
"alert :No need to collect right now"
11/14/2022, 6:40:28 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
undefined
11/14/2022, 6:40:28 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
{ dist: 48, load: 12 }
11/14/2022, 6:40:28 PM - node - msg.payload
ok 2 type:WMMA@BNA@Dns@ST@Sensor@The@E@...
msg.payload : undefined
48
```


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Node-RED x Garbage Management System x +

https://chettinad.swm5.repl.co

Rock (Gmail GITHUB IBM Download The You... Savefrom Video Do... ucit YouTube New fonts | dafontL... video shop trest All in One Tamil Fo... StackBlitz inet WhatsApp Prime Video: Parasite 7 by La-Emeralde... HTML

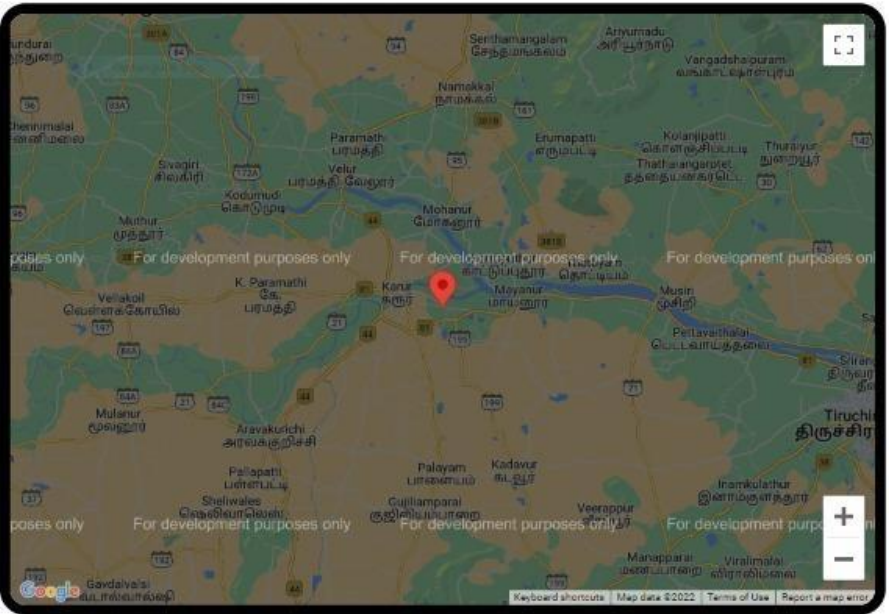
 **20 %**

 **8 %**

LEVEL : 60.25cm

WEIGHT : 0g

LIVE LOCATION



No need to collect right now!

Windows taskbar: Links, 27°C Cloudy, 18:47

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