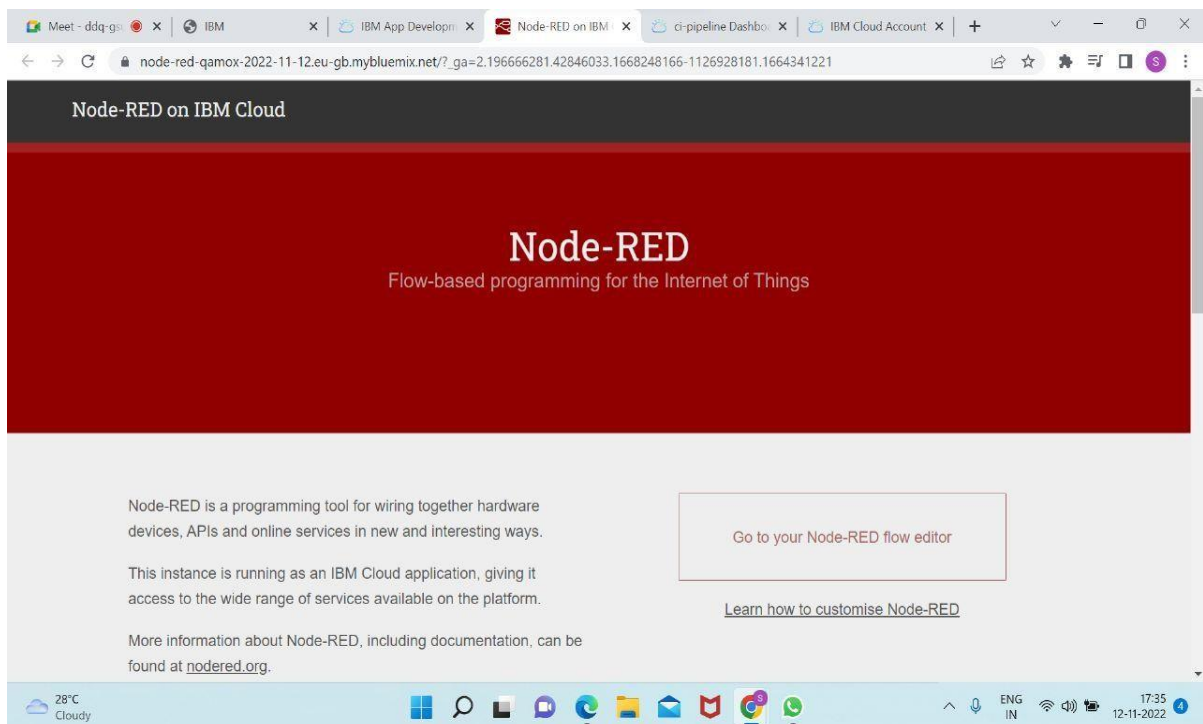


# Develop A Web Application Using Node-RED Service.

Date	26 OCTOBER 2022
Team ID	PNT2022TMID30551
Project Name	IOT-BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

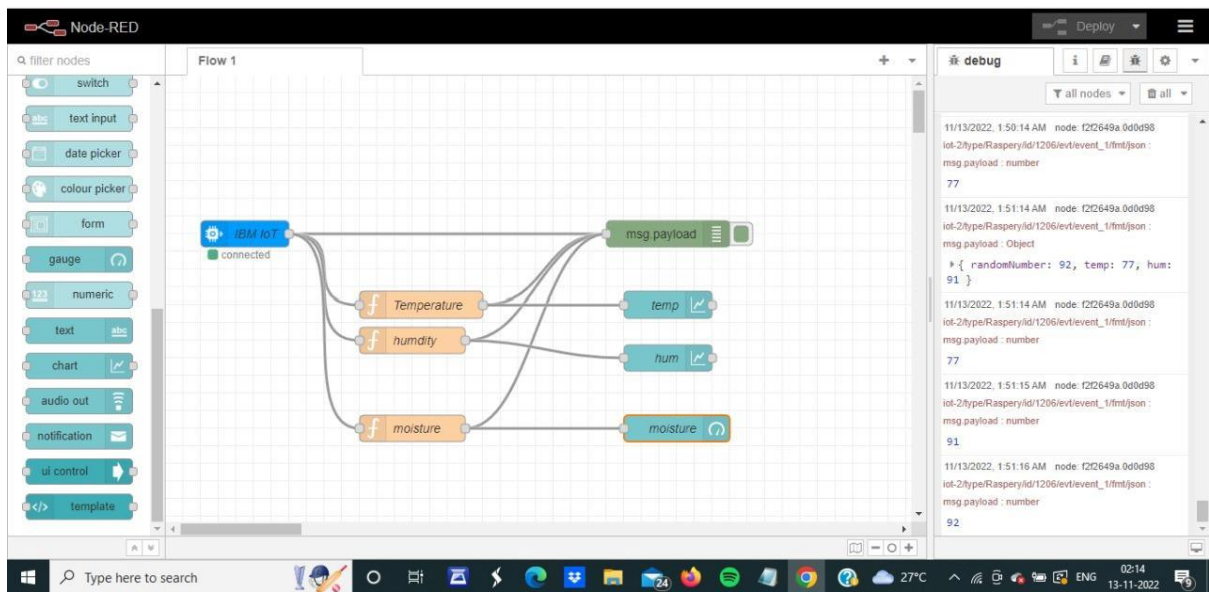


Node-RED interface showing a flow named "Flow 1". The flow starts with an "IBM IoT" node (connected), which connects to a "Temperature" function node. The output of the "Temperature" node connects to a "msg.payload" node. The debug console shows the following log entries:

```
11/13/2022, 1:28:01 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : number  
67  
11/13/2022, 1:28:02 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : Object  
{ randomNumber: 80, temp: 5, hum:  
93 }  
11/13/2022, 1:28:03 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : number  
5  
11/13/2022, 1:28:04 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : Object  
{ randomNumber: 80, temp: 74, hum:  
87 }  
11/13/2022, 1:28:04 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : number  
74
```

Node-RED interface showing a flow named "Flow 1". The flow starts with an "IBM IoT" node (connected), which connects to three function nodes: "Temperature", "humidity", and "moisture". The outputs of these three nodes connect to a "msg.payload" node. The debug console shows the following log entries:

```
11/13/2022, 1:42:10 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : number  
75  
11/13/2022, 1:42:21 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : Object  
{ randomNumber: 31, temp: 22, hum:  
96 }  
11/13/2022, 1:42:21 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : number  
22  
11/13/2022, 1:42:22 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : number  
96  
11/13/2022, 1:42:23 AM node: f2f2649a.0d0d98  
iot-2/type/Raspey/id/1206/evt/event_1/fmt/json :  
msg.payload : number  
31
```



## SMART CROP PROTECTION

### HALL AC

#### hum



#### temp



### garden

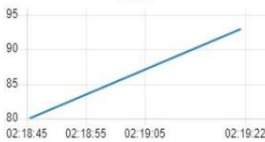
#### water moisture



## SMART CROP PROTECTION

### HALL AC

#### hum



#### temp



### garden

#### water moisture



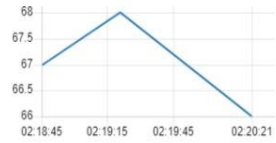
## SMART CROP PROTECTION

HALL AC

hum



temp



garden

water moisture

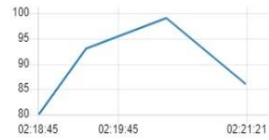


Type here to search

## SMART CROP PROTECTION

HALL AC

hum



temp



garden

water moisture



Type here to search

27°C 13-11-2022 02:21