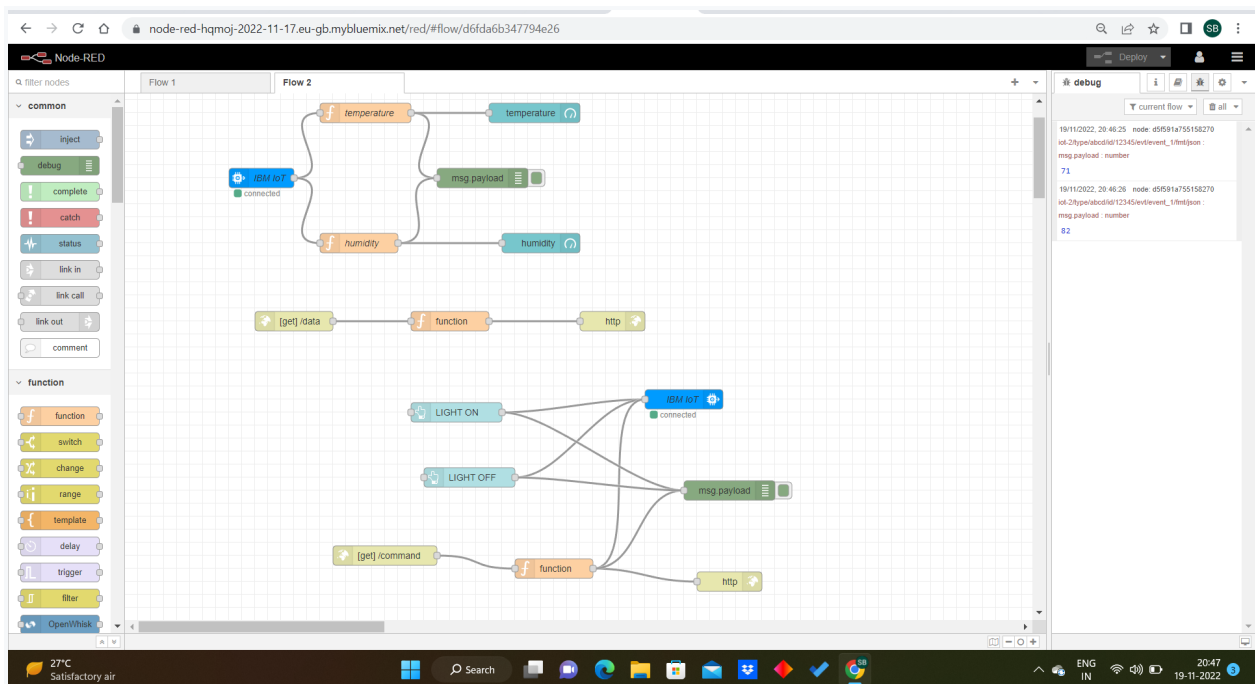


# CONFIGURE THE APPLICATION TO RECEIVE THE DATA FROM CLOUD

TEAM ID PNT2022TMID02630

## NODE RED FLOW CREATED TO GET VALUES



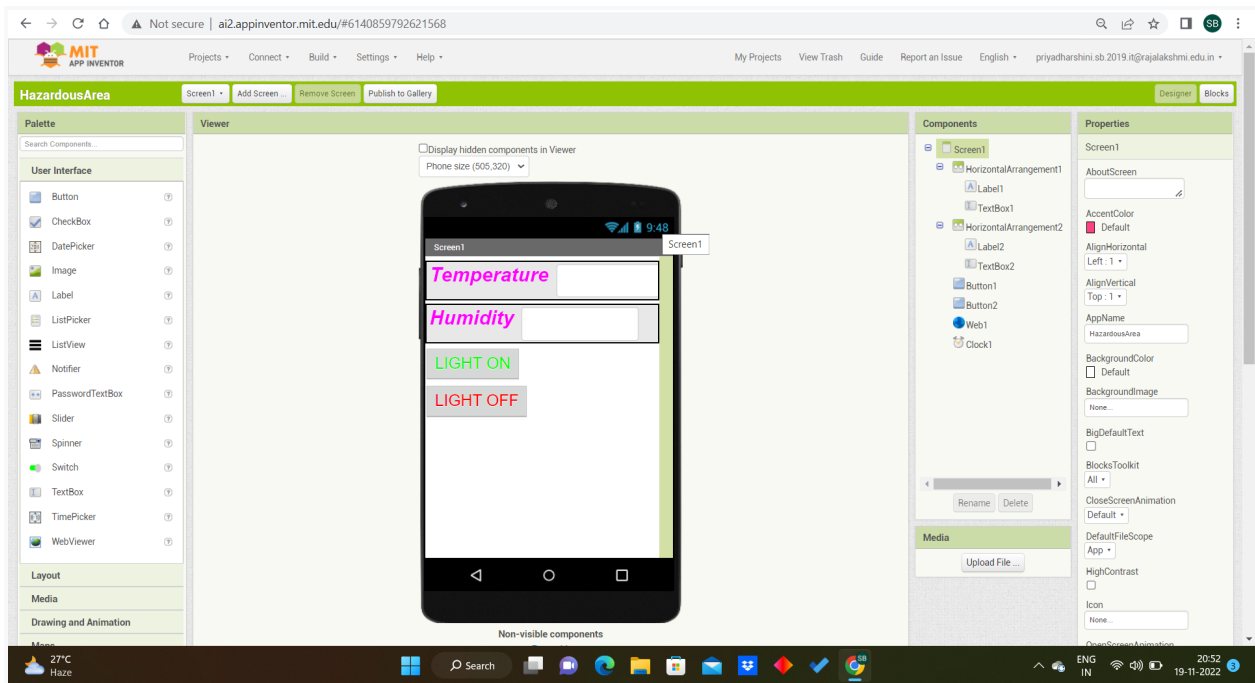
# CONFIGURING THE FUNCTION TO FETCH THE DESIRED VALUES

This screenshot shows the Node-RED web interface. The main workspace displays a flow with an IBM IoT node connected to two function nodes labeled 'temperature' and 'humidity'. The left sidebar shows the 'common' and 'function' node palettes. The right sidebar shows the 'Edit ibmiot in node' configuration panel. The configuration panel includes fields for Authentication (API Key), API Key (b455e5e5947d088a), Input Type (Device Event), Device Type (All or +), Device Id (device id e.g. abt2cd231a21), Event (All or +), Format (All or json), QoS (0), Name (IBM IoT), and Service (registered). A yellow warning box states: 'Use the Input Type property to configure this node to receive Events sent by IoT Devices, Commands sent to IoT Devices, Status Messages referring to IoT Devices, or Status Messages referring to IoT Applications. Check the info tab, to get more information about each of the fields'. The bottom status bar shows the system clock and weather information.

This screenshot shows the Node-RED web interface with the 'Edit function node' configuration panel open. The main workspace shows the same flow as the previous screenshot. The 'Edit function node' panel shows the 'Name' field set to 'temperature' and the 'Setup' tab selected. The function code is as follows:

```
1 global.set("temperature",msg.payload.temp);
2 msg.payload=msg.payload.temp;
3 return msg;
```

The bottom status bar shows the system clock and weather information.



## APP BLOCKS TO RENDER THE VALUES AND DISPLAY IT IN THE APP

