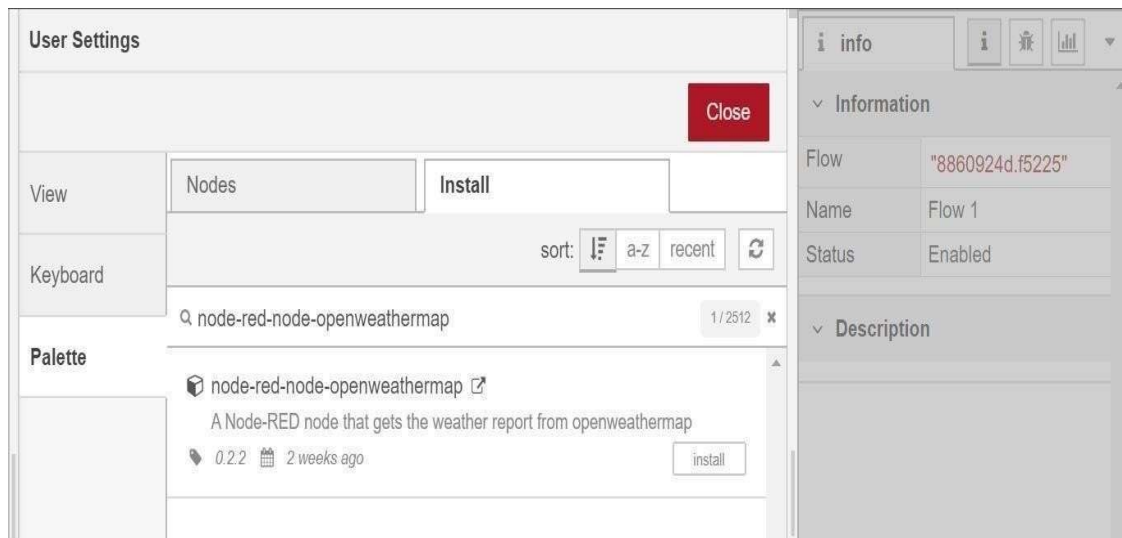


## DEVELOP A WEB APPLICATION USING NODE-RED

Date	13 November 2022
Team ID	PNT2022TMID46557
Project Name	Real – Time River Water Quality Monitoring and Control System
Maximum Marks	4Marks

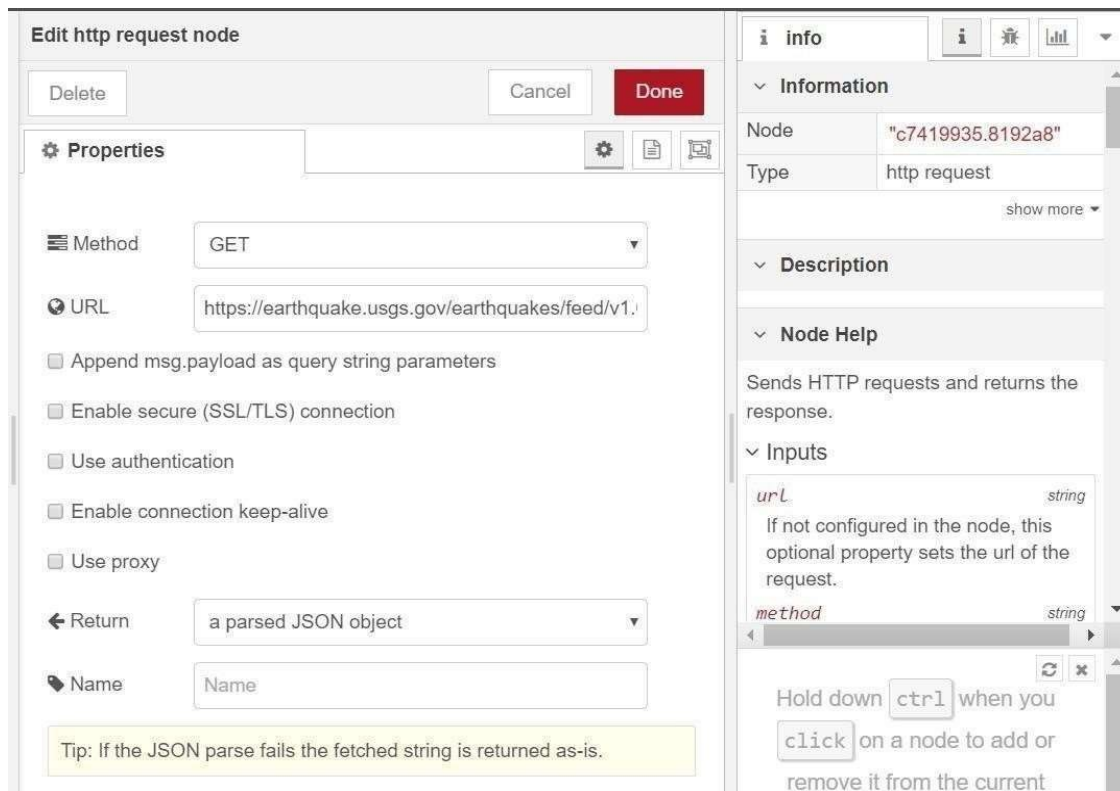
1. Double-click the tab with the flow name, and call it Earthquake Details.
2. Click the hamburger menu, and then click **Manage palette**. Look for **node-red-node-open weather map** to install these additional nodes in your palette.



**Add an HTTP input node to your flow.**

**Double-click the node to edit it. Set the method to GET and set the URL to /earthquakeinfo-hr.**

1. **Add an HTTP response node, and connect it to the previously added HTTP input node. All other nodes introduced in this sub-section is to be added between the HTTP input node and the HTTP response node.**
2. **Add an HTTP request node and set the URL to `https://earthquake.usgs.gov/earthquakes/feed/v1.0/summary/all_hour.geojson`, the Method to GET and the Return to a parsed JSON object. This will allow extracting all earthquakes that occurred within the last hour. Name this node Get**



Add a **change** node. Double-click the node to modify it. Name this node **Set Earthquake Info**. In the **Rules** section, add the rule to **Delete** msg.topic, msg.headers, msg.statusCode, msg.responseUrl and msg.redirectList

and **Set** payload.features.

```
msg.payload
{
  "type": properties.type,
  "magnitude": properties.mag,
  "location": properties.place,
  "longitude": geometry.coordinates[0],
  "latitude": geometry.coordinates[1],
  "depth": geometry.coordinates[2],
  "timestamp": $fromMillis( properties.time,
```