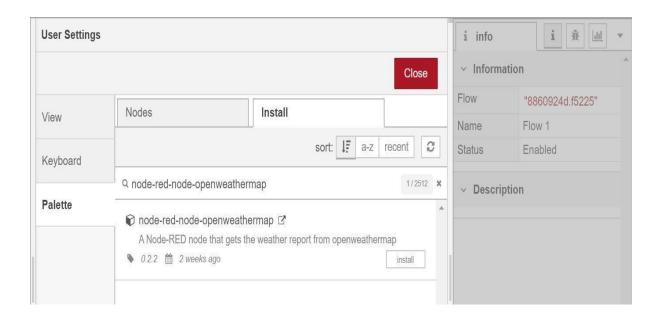
DEVELOP A WEB APPLICATION USING NODE-RE

Date	11 November 2022
Team ID	PNT2022TMID07167
Project Name	Project – IOT Based Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

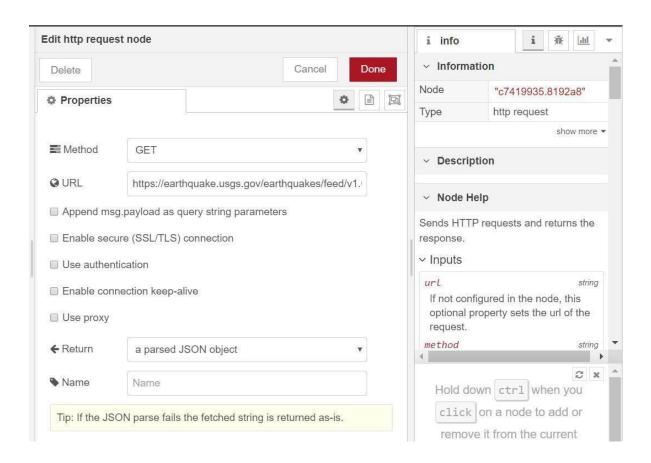
- 1. Double-click the tab with the flow name, and call it Earthquake Details.
- 2. Click the hamburger menu, and then click **Manage palette**. Look for **node-red-node- open weather map** to install these additional nodes in your palette.



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, addes
rul to Delete msg.topic,
                               msg.headers, msg.statusCode, msg.responseUrl and
                                                                msg.redirectLis
                Set 1 payload.features.
       and
msg.payloa
   "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,
```