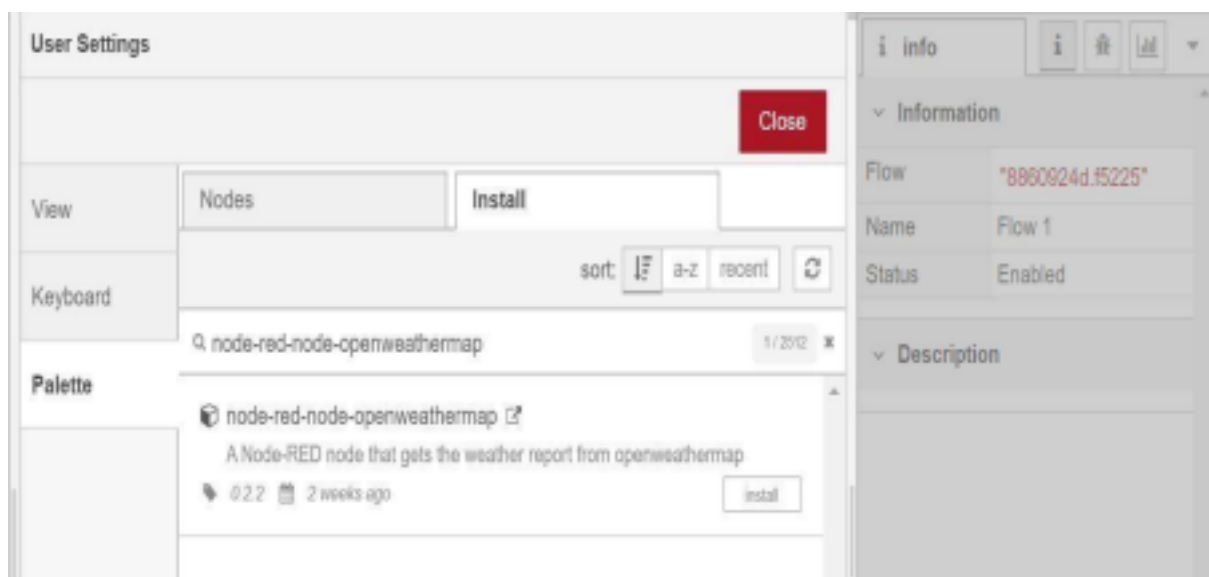


DEVELOP A WEB APPLICATION USING NODE-RE

Date	01 November 2022
Team ID	PNT2022TMID07628
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.

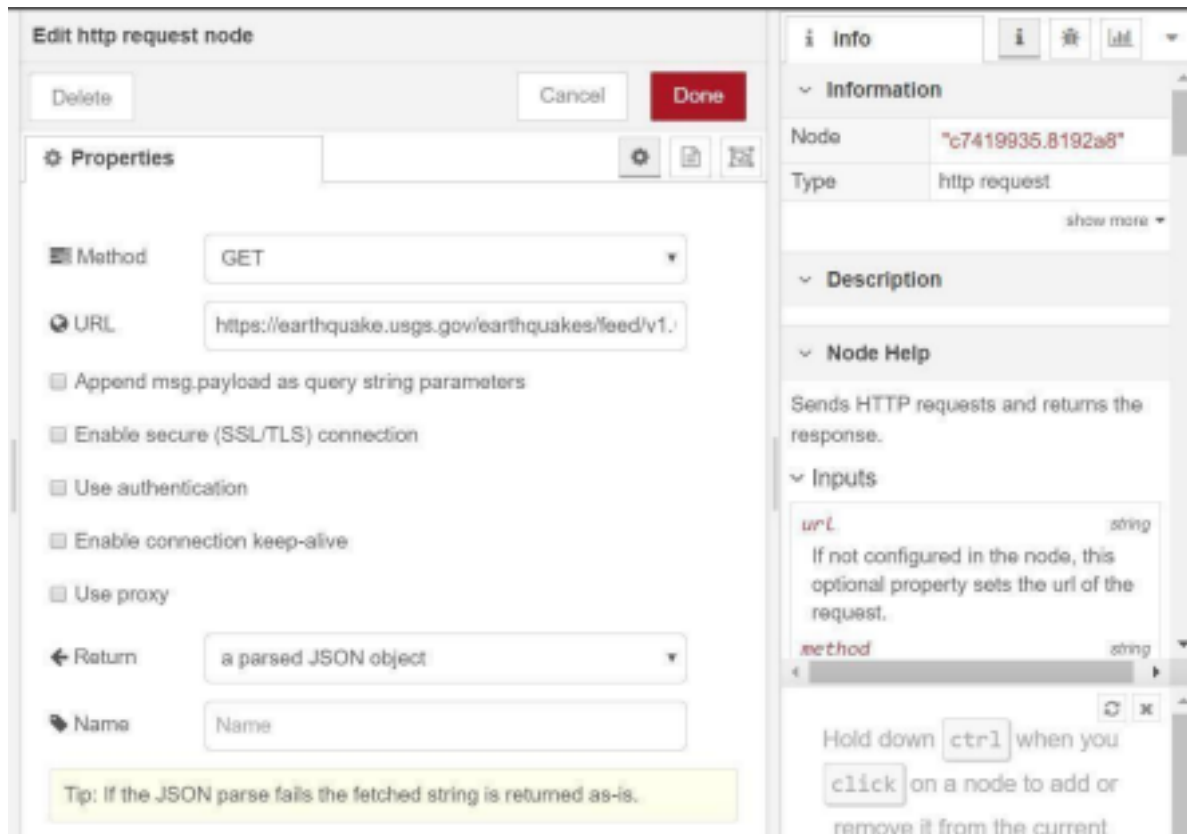


Add an **HTTP input** node to your flow.

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, add

```

rules
  rule to Delete msg.topic, msg.responseUrl and msg.redirectList
    msg.headers, msg.statusCode,
    and payload.features.

```

and **Set**
 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,

```