DEVELOP A WEB APPLICATION USING NODE-RED

Date	06 November 2022
Team ID	PNT2022TMID10541
Project Name	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.
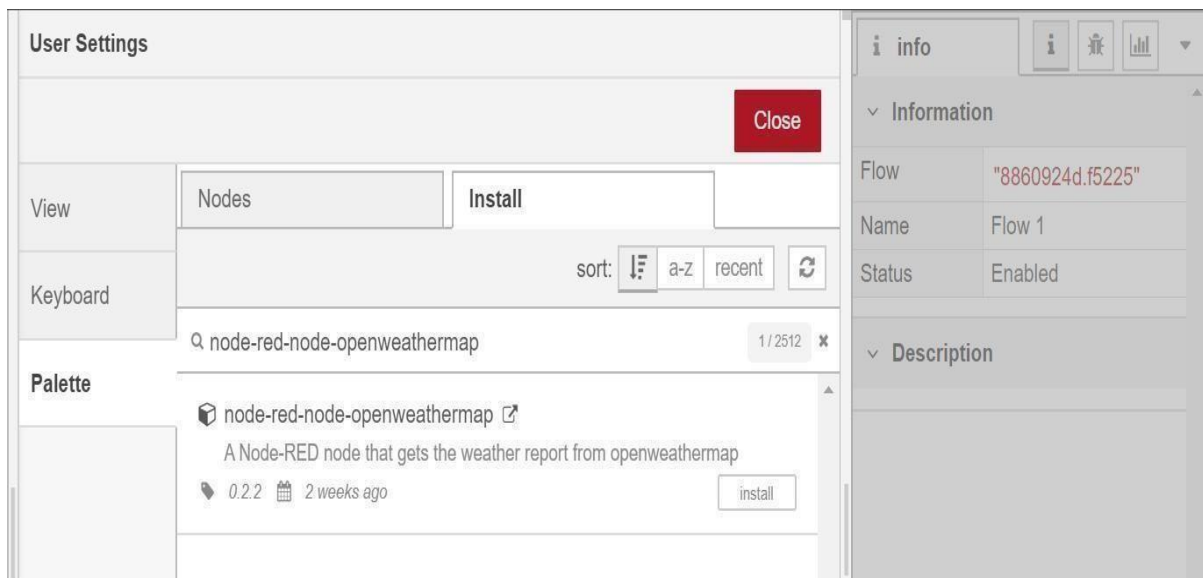

Add an HTTP input node to your flow.

Double-click the node to edit it. Set the method to GET and set the URL to / earthquake info-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.
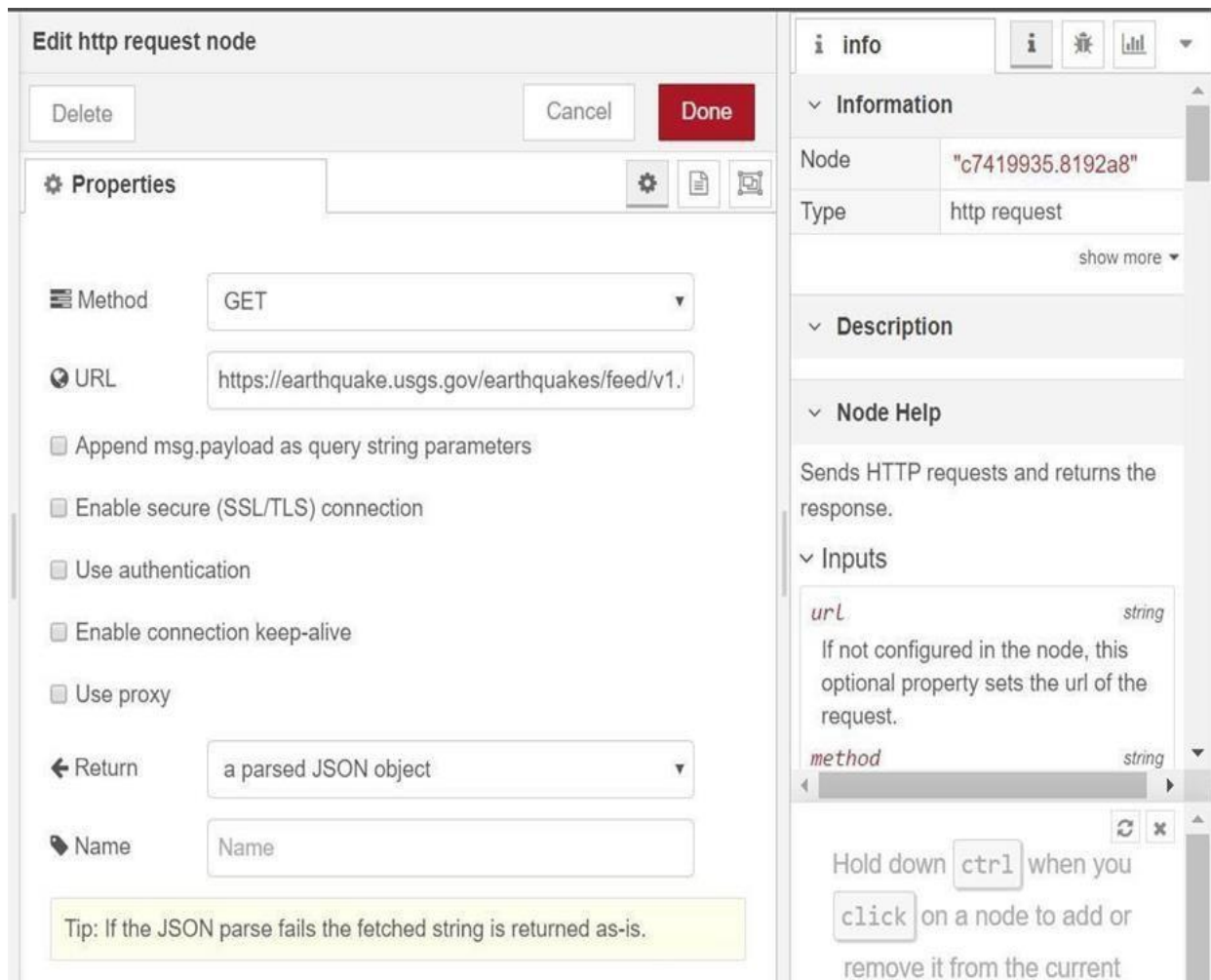
Add a change node. Double-click the node to modify it. Name this node Set Earthquake Info. In the Rules section, add rules to Delete msg.topic, msg.headers, msg. Status-code, and msg. response Url and msg.redirectList t and Set msg. payload features.

```
{
"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)
}
```