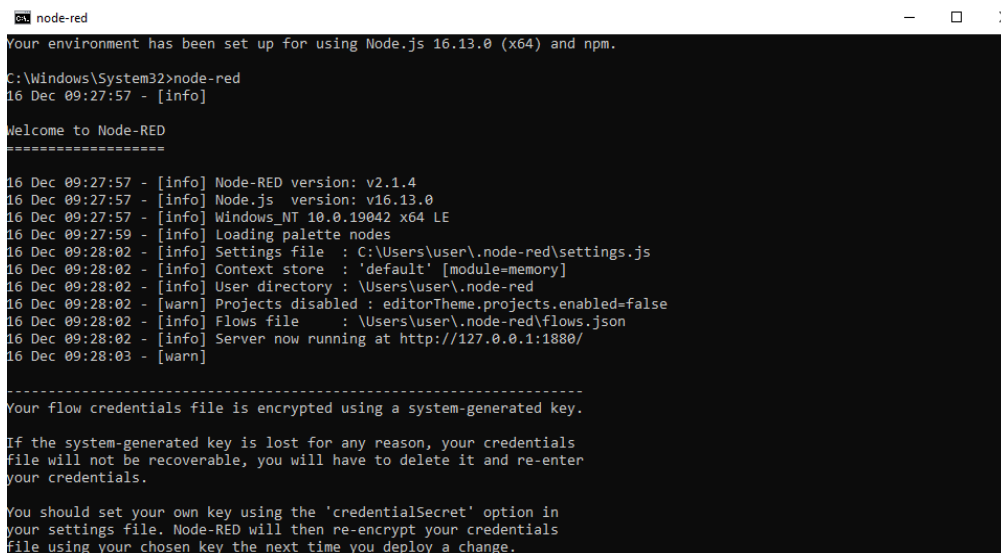


# TTIPL Node.js Assignment- Installation Procedure

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## Pre-Requisitions Software

1. Check whether node js installed by executing the command **node -v** in command prompt.
2. If the node js is not installed in your computer (> node js -v14 is advisable).
3. Check Node-Red was installed in your computer. To install Node-red programing tool execute this command in nodejs command prompt **"npm install -g --unsafe-perm node-red"** (Open command prompt as administrator)
4. To start the node-red please execute the **"node-red"** command in node js command prompt.



```
node-red
Your environment has been set up for using Node.js 16.13.0 (x64) and npm.

C:\Windows\System32>node-red
16 Dec 09:27:57 - [info]

Welcome to Node-RED
=====

16 Dec 09:27:57 - [info] Node-RED version: v2.1.4
16 Dec 09:27:57 - [info] Node.js version: v16.13.0
16 Dec 09:27:57 - [info] Windows_NT 10.0.19042 x64 LE
16 Dec 09:27:59 - [info] Loading palette nodes
16 Dec 09:28:02 - [info] Settings file : C:\Users\User\.node-red\settings.js
16 Dec 09:28:02 - [info] Context store : 'default' [module=memory]
16 Dec 09:28:02 - [info] User directory : \Users\User\.node-red
16 Dec 09:28:02 - [warn] Projects disabled : editorTheme.projects.enabled=false
16 Dec 09:28:02 - [info] Flows file : \Users\User\.node-red\flows.json
16 Dec 09:28:02 - [info] Server now running at http://127.0.0.1:1880/
16 Dec 09:28:03 - [warn]

-----
Your flow credentials file is encrypted using a system-generated key.

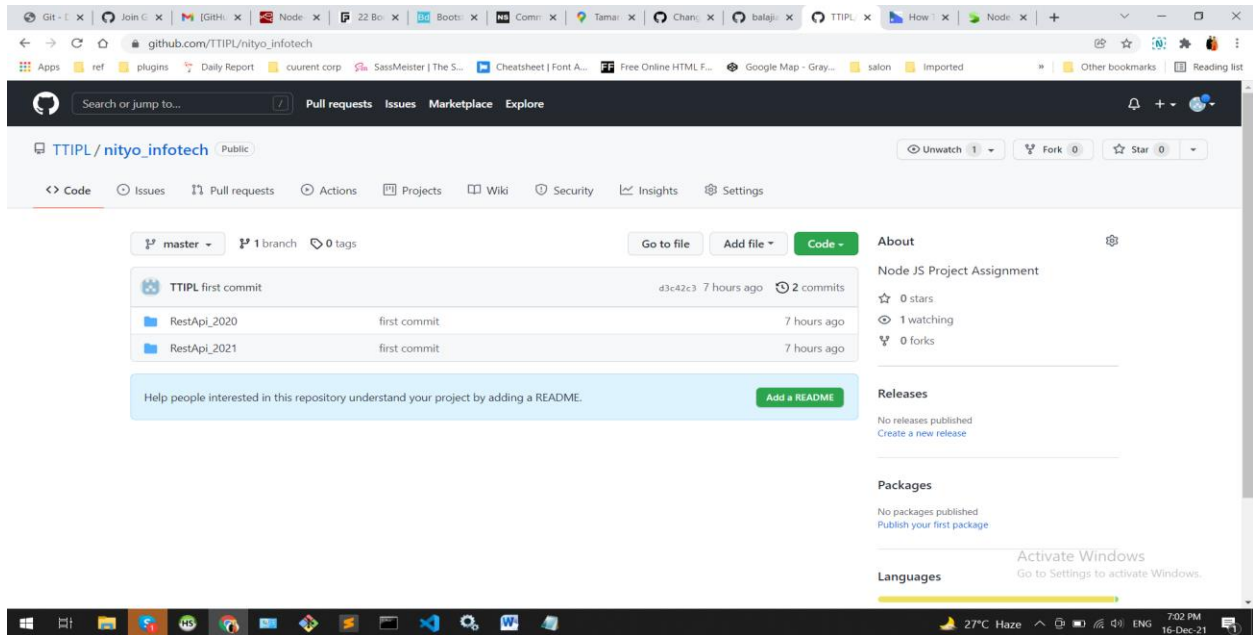
If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.

You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
```

5. You will find the node-red port and IP please run this URL <http://localhost:1880> in browser (eg:Chrome)
6. Check the RabbitMQ server and Erlang software is installed and start the service of the RabbitMQ and run this URL <http://localhost:15672> to open RabbitMQ server.

# TTIPL Node.js Assignment- Installation Procedure

7. Import the Given database in MySQL, and please configure the database in Restapi\_2020 node application config.json (database connection property) file inside config folder.



8.To install npm modules run “**npm install**” command both Restapi\_2020 and Restapi\_2021 application folder.

9. Before executing the Functional Flow, Start both node application (Restapi\_2020 and Restapi\_2021 ) by running this command “**node server.js**” in command prompt in the directory of the respective folders.

10.All final end Process getting written on the respective log file.

