

# **IOT ENABLED SMART FARMING APPLICATION.**

**Create Node-RED Service**

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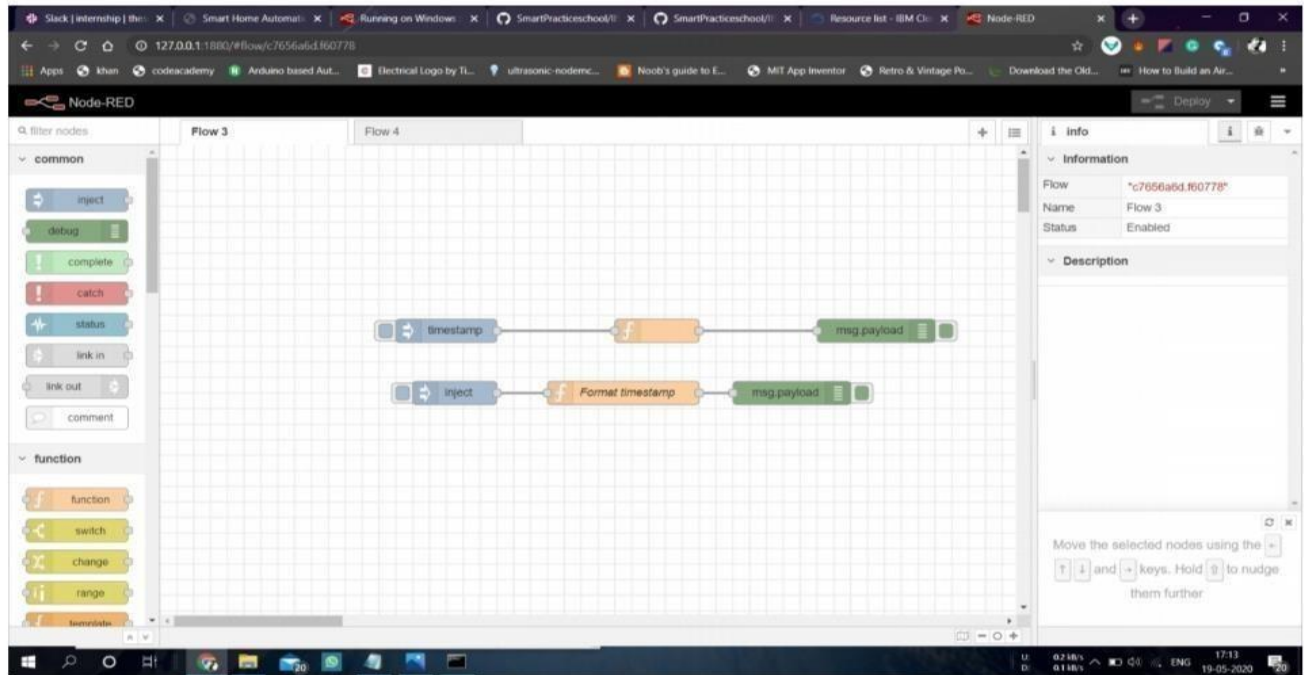
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## Node-RED

Node-RED is a flow-based development tool for visual programming developed originally by IBM for wiring together hardware devices, APIs and online services as part of the Internet of Things. Node-RED provides a web browser-based flow editor, which can be used to create JavaScript functions.



### Installation :

- First install npm/node.js
- Open cmd prompt
- Type => npm install node-red

### To run the application :

- Open cmd prompt
- Type=>node-red

Then open <http://localhost:1880/> in browser

## **Installation of IBM IOT and Dashboard nodes for Node-Red**

In order to connect to IBM Watson IOT platform and create the Web App UI these nodes are required

1. IBM IOT node
2. Dashboard node