

## Sprint -4

<b>Date</b>	<b>10 November 2022</b>
<b>Team ID</b>	<b>PNT2022TMID34170</b>
<b>Project name</b>	<b>IOT Based Smart Crop Protection System for Agriculture</b>
<b>Mark</b>	<b>20 Marks</b>

### Node JS installation :

Download the Node.js source code or a pre-built installer for your platform, and start developing today.

**LTS**  
Recommended For Most Users

**Current**  
Latest Features

  
**Windows Installer**  
node-v18.12.1-x64.msi

  
**macOS Installer**  
node-v18.12.1.pkg

  
**Source Code**  
node-v18.12.1.tar.gz

Windows Installer (.msi)

Windows Binary (.zip)

macOS Installer (.pkg)

macOS Binary (.tar.gz)

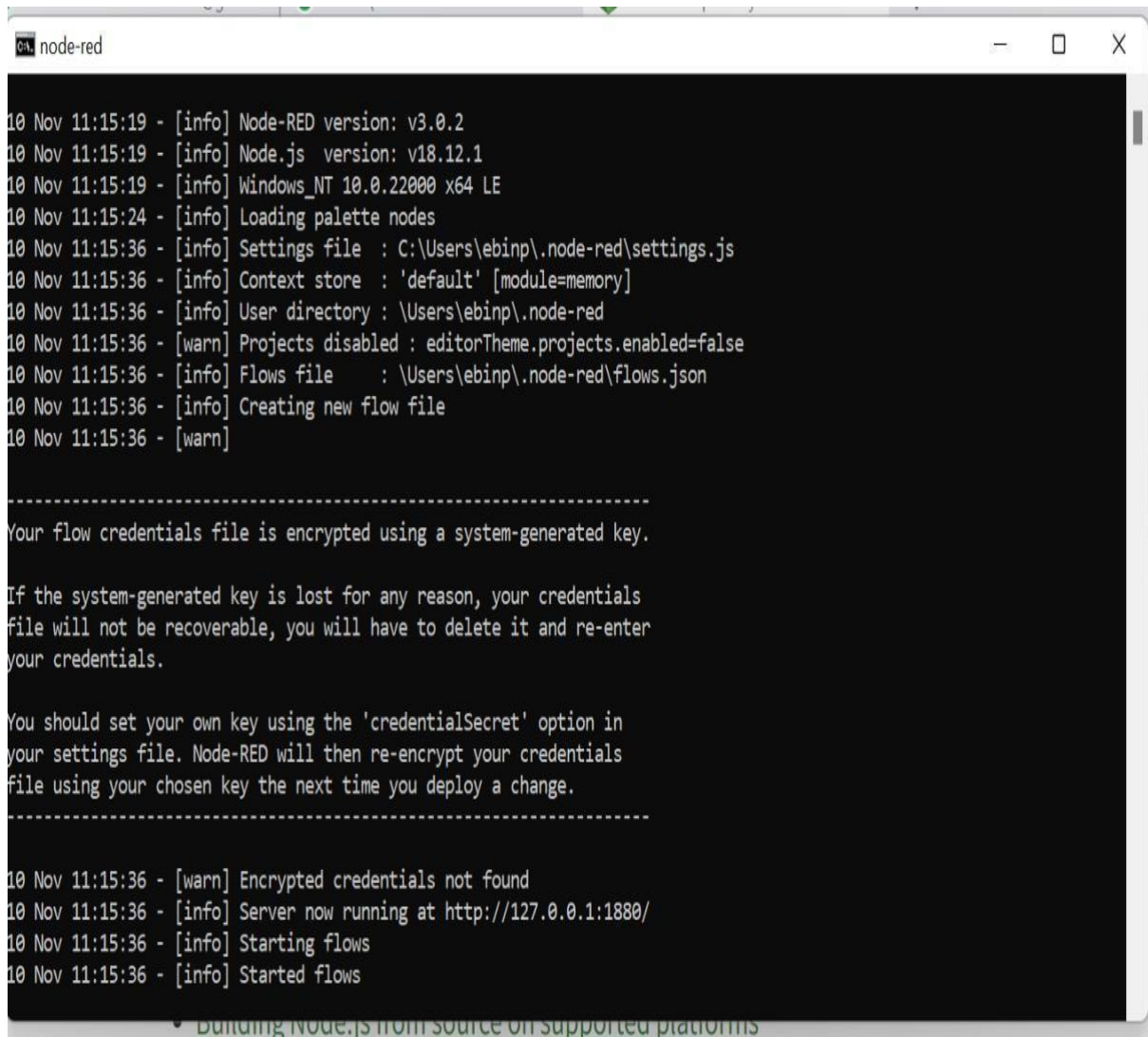
Linux Binaries (x64)

Linux Binaries (ARM)

Source Code

32-bit	64-bit
32-bit	64-bit
64-bit / ARM64	
64-bit	ARM64
64-bit	
ARMv7	ARMv8
node-v18.12.1.tar.gz	

**Configure command prompt for error check .open node-red from the generated link:**



```
node-red
10 Nov 11:15:19 - [info] Node-RED version: v3.0.2
10 Nov 11:15:19 - [info] Node.js version: v18.12.1
10 Nov 11:15:19 - [info] Windows_NT 10.0.22000 x64 LE
10 Nov 11:15:24 - [info] Loading palette nodes
10 Nov 11:15:36 - [info] Settings file : C:\Users\ebinp\.node-red\settings.js
10 Nov 11:15:36 - [info] Context store : 'default' [module=memory]
10 Nov 11:15:36 - [info] User directory : \Users\ebinp\.node-red
10 Nov 11:15:36 - [warn] Projects disabled : editorTheme.projects.enabled=false
10 Nov 11:15:36 - [info] Flows file : \Users\ebinp\.node-red\flows.json
10 Nov 11:15:36 - [info] Creating new flow file
10 Nov 11:15:36 - [warn]

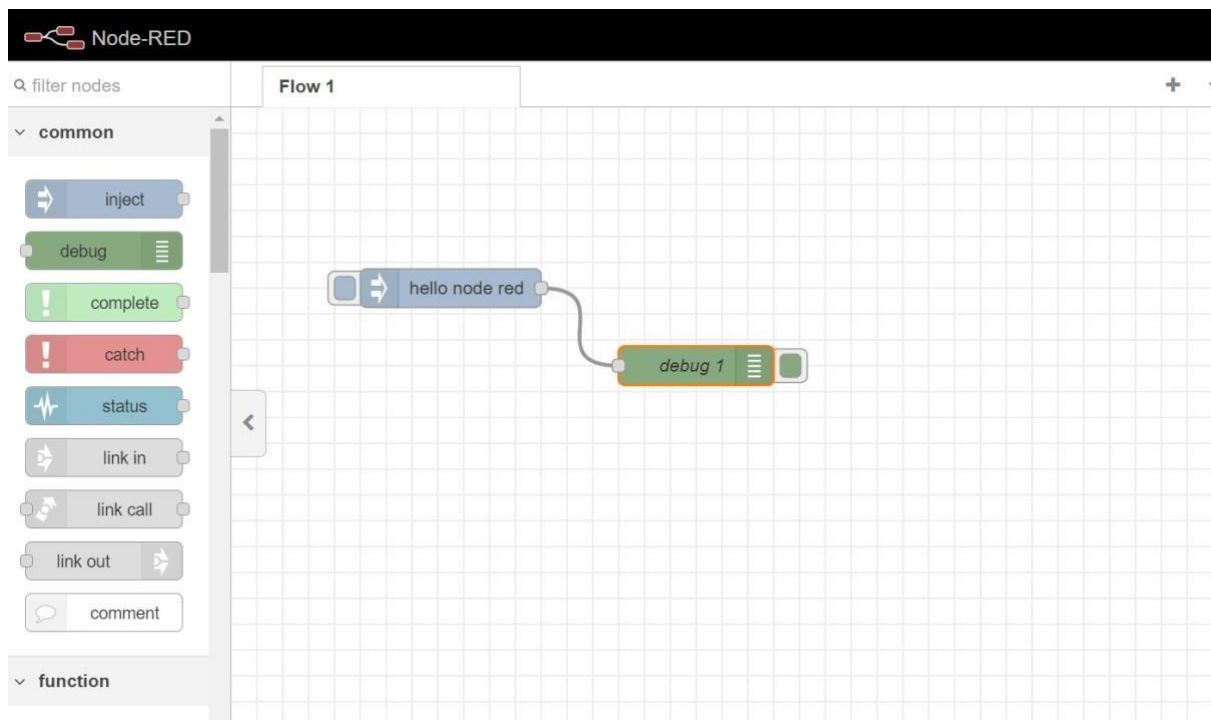
-----
Your flow credentials file is encrypted using a system-generated key.

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.
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10 Nov 11:15:36 - [warn] Encrypted credentials not found
10 Nov 11:15:36 - [info] Server now running at http://127.0.0.1:1880/
10 Nov 11:15:36 - [info] Starting flows
10 Nov 11:15:36 - [info] Started flows
```

**Connection IBM IOT in debug 1 and deploy:**



Output:

