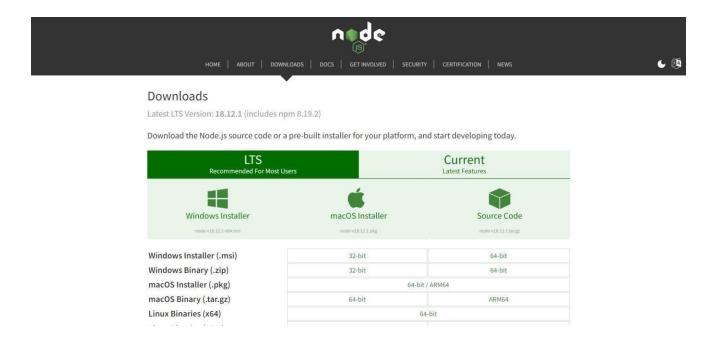
SPRINT-2

| TEAM ID | PNT2022TMID26689 |
|--------------|--|
| Project Name | IoT Based smart crop Protection system for agriculture |
| Maximum mark | 20 marks |

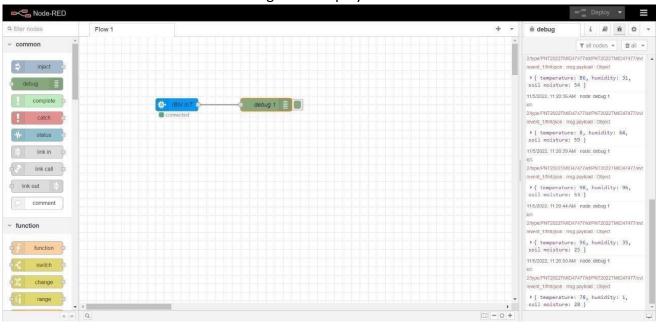
STEP1: Download and Install NODE JS.



STEP2: Setup node.js and configure command prompt for error check.open node-red from the generated link.

```
os. node-red
                                       [info] Node-RED version: v3.0.2
[info] Node.js version: v18.12.0
[info] Windows_NT 10.0.19044 x64 LE
[info] Loading palette nodes
[info] Settings file : C:\Users\ELCOT\.node-red\settings.js
[info] Context store : 'default' [module=memory]
[info] User directory : \Users\ELCOT\.node-red
[warn] Projects disabled : editorTheme.projects.enabled=false
[info] Flows file : \Users\ELCOT\.node-red\flows.json
[info] Creating new flow file
[warn]
   Nov 18:48:05 -
4 Nov 18:48:05 -
 Nov 18:48:05 -
    Nov 18:48:26
    Nov 18:48:44 -
4 Nov 18:48:45 -
4 Nov 18:48:45 -
 Nov 18:48:45 -
 Nov 18:48:45 -
    Nov 18:48:45 -
    Nov 18:48:45
 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.
4 Nov 18:48:45 - [warn] Encrypted credentials not found
4 Nov 18:48:45 - [info] Starting flows
4 Nov 18:48:46 - [info] Started flows
4 Nov 18:48:46 - [info] Server now running at http://127.0.0.1:1880/
```

STEP3: Connect IBM IOT in and Debug 1 and Deploy.



STEP4: Edit gauge node (Here the gauge nodes are named as Temperature, Humidity and Soil moisture).

