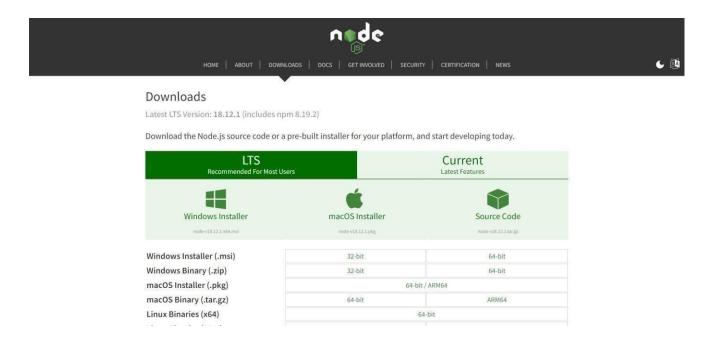
SPRINT-2 IOT SMART CROP PRODECTION AND AGRICULTURE SYSTEM

| TEAM ID | PNT2022TMID30091 |
|--------------|--|
| 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.

```
A Nov 18:48:05 - [info] Node-RED version: v3.0.2

4 Nov 18:48:05 - [info] Node.js version: v18.12.0

4 Nov 18:48:05 - [info] Node.js version: v18.12.0

4 Nov 18:48:05 - [info] Windows NT 10.0.19044 x64 LE

4 Nov 18:48:05 - [info] Settings file : C:\Users\ELCOT\.node-red\settings.js

4 Nov 18:48:44 - [info] Settings file : C:\Users\ELCOT\.node-red

4 Nov 18:48:45 - [info] User directory : \Users\ELCOT\.node-red

4 Nov 18:48:45 - [info] User directory : \Users\ELCOT\.node-red

4 Nov 18:48:45 - [info] User directory : \Users\ELCOT\.node-red\flows.json

4 Nov 18:48:45 - [info] Creating new flow file : \Users\ELCOT\.node-red\flows.json

4 Nov 18:48:45 - [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.

4 Nov 18:48:45 - [warn] Encrypted credentials not found

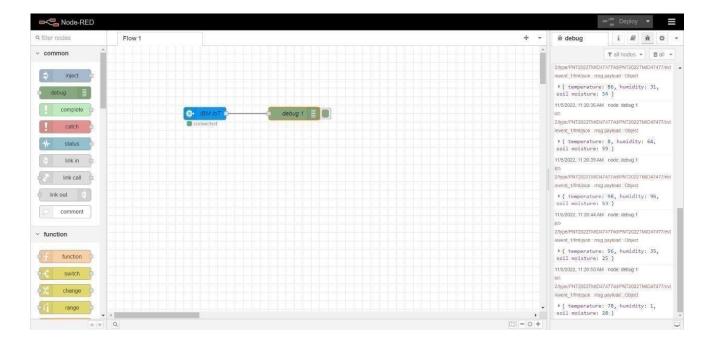
4 Nov 18:48:45 - [info] Starting flows

4 Nov 18:48:46 - [info] Started flows

4 Nov 18:48:46 - [info] Started flows

4 Nov 18:48:46 - [info] Started flows
```

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).

