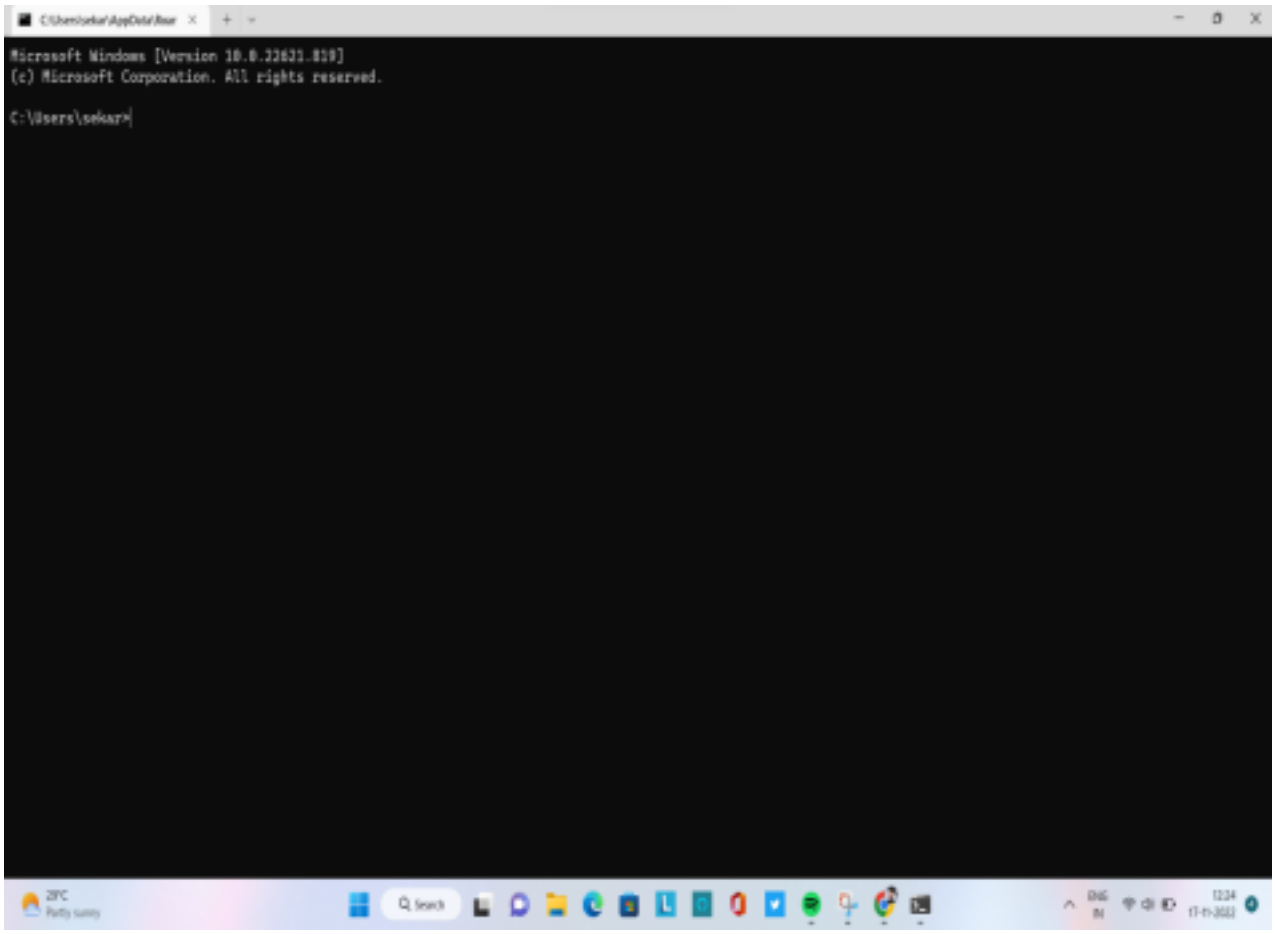
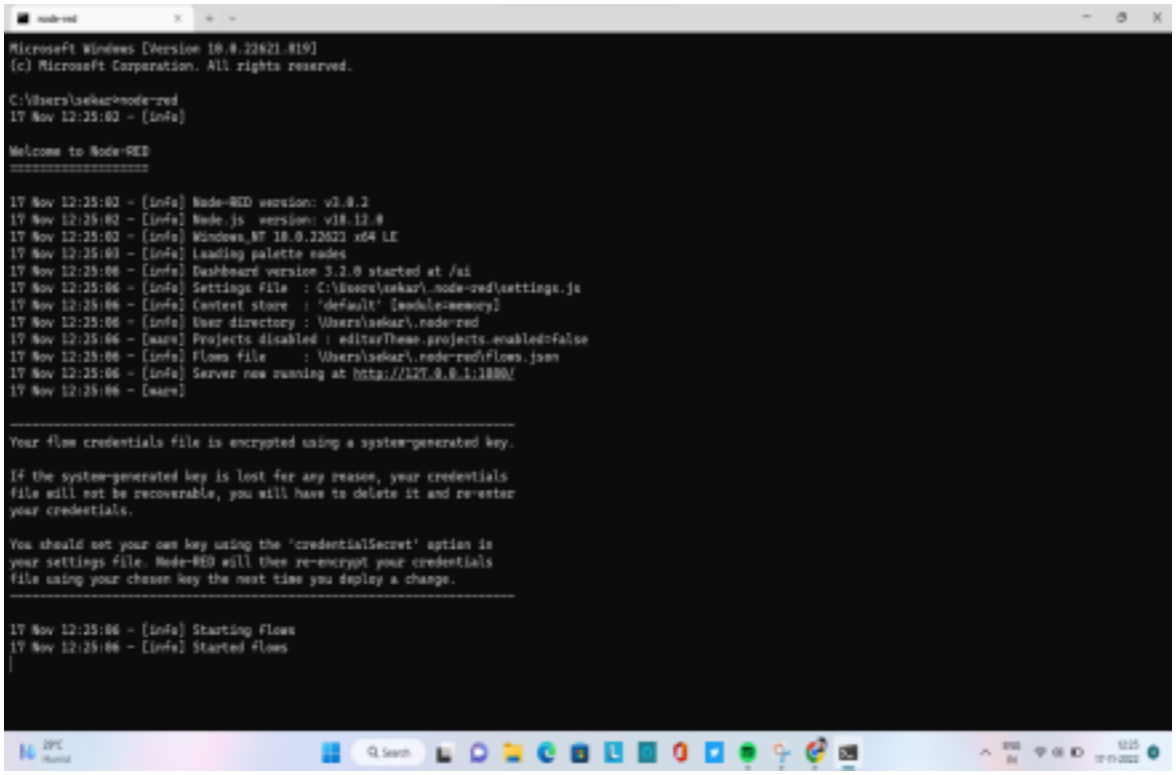
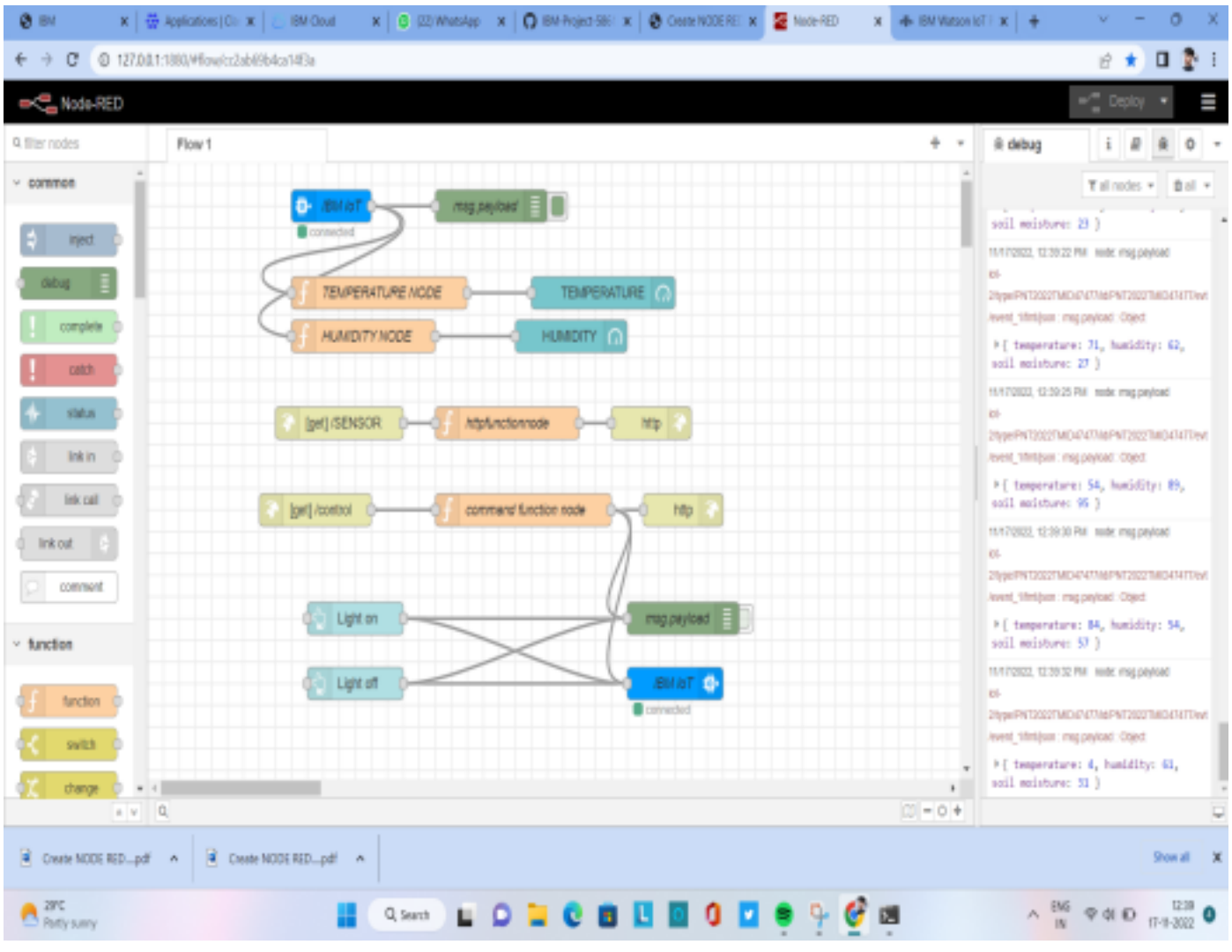
Create And Configure IBM Cloud Services

Create Node-Red Service

Date	**1 November 2022**
Team ID	**PNT2022TMI19096**
Project Name	**IoT Based Samrt Crop Protection System For Agriculture**




Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.
C:\Users\sekar>node-red
17 Nov 12:35:02 - [info]
Welcome to Node-RED
17 Nov 12:35:02 - [info] Node-RED version: v3.0.2
17 Nov 12:35:02 - [info] Node.js version: v18.12.0
17 Nov 12:35:02 - [info] Windows_NT 10.0.22621 x64 LE
17 Nov 12:35:03 - [info] Loading palette nodes
17 Nov 12:35:06 - [info] Dashboard version 3.2.0 started at /ui
17 Nov 12:35:06 - [info] Settings file : C:\Users\sekar\.node-red\settings.js
17 Nov 12:35:06 - [info] Context store : 'default' [module=memory]
17 Nov 12:35:06 - [info] User directory : \Users\sekar\.node-red
17 Nov 12:35:06 - [warn] Projects disabled : editorTheme.projects.enabled=false
17 Nov 12:35:06 - [info] Flows file : \Users\sekar\.node-red\flows.json
17 Nov 12:35:06 - [info] Server now running at http://127.0.0.1:1880/
17 Nov 12:35:06 - [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.
17 Nov 12:35:06 - [info] Starting flows
17 Nov 12:35:06 - [info] Started flows


Node-RED
Deploy
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
IBM IoT
connected
msg.payload
TEMPERATURE NODE
TEMPERATURE
HUMIDITY NODE
HUMIDITY
[get] /SENSOR
http/functionnode
http
[get] /control
command function node
http
Light on
msg.payload
Light off
IBM IoT
connected
debug
soil moisture: 23 }
{ temperature: 71, humidity: 62,
soil moisture: 27 }
{ temperature: 54, humidity: 89,
soil moisture: 95 }
{ temperature: 84, humidity: 54,
soil moisture: 57 }
{ temperature: 4, humidity: 61,
soil moisture: 51 }