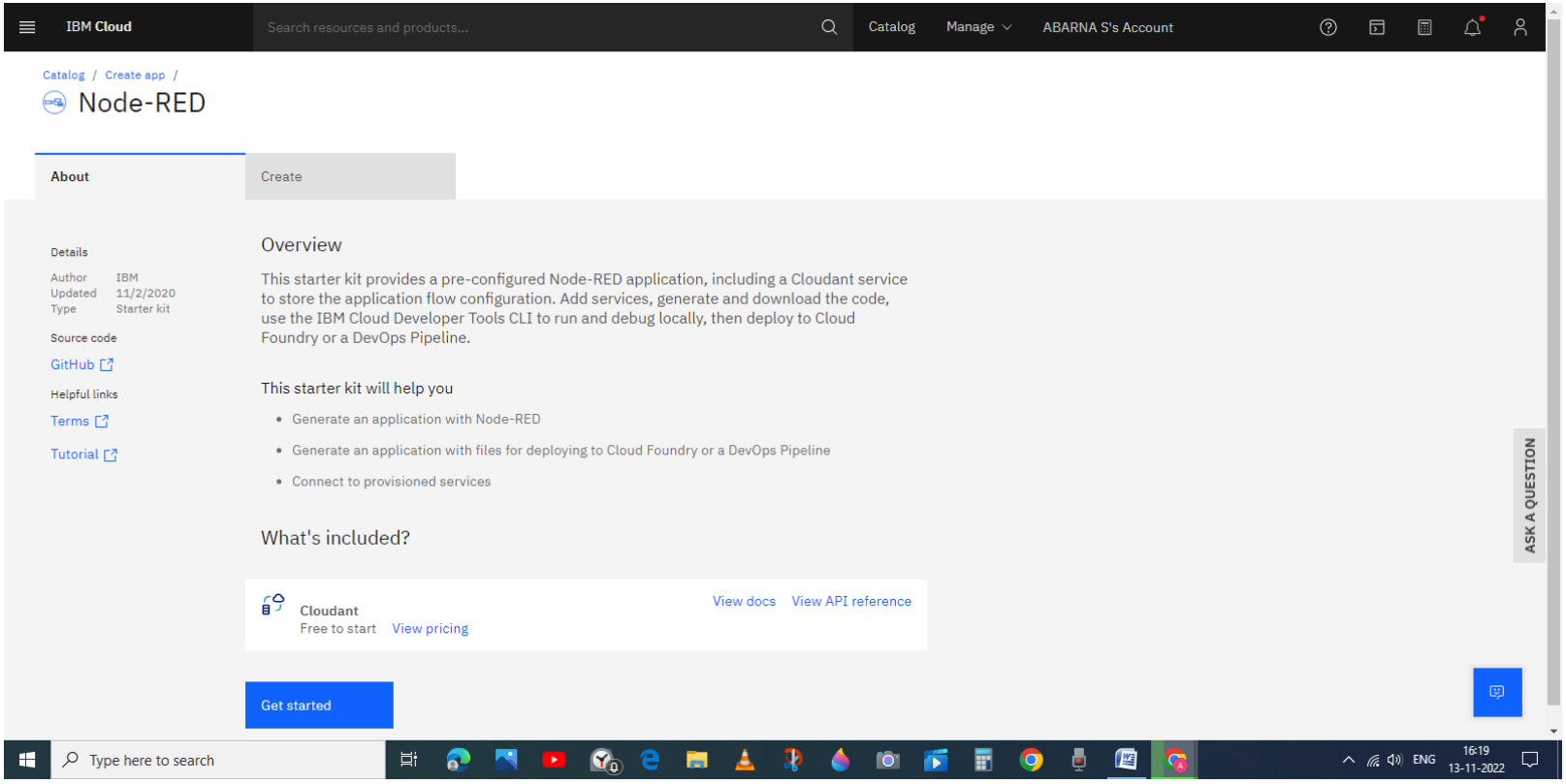
Create Node Red service

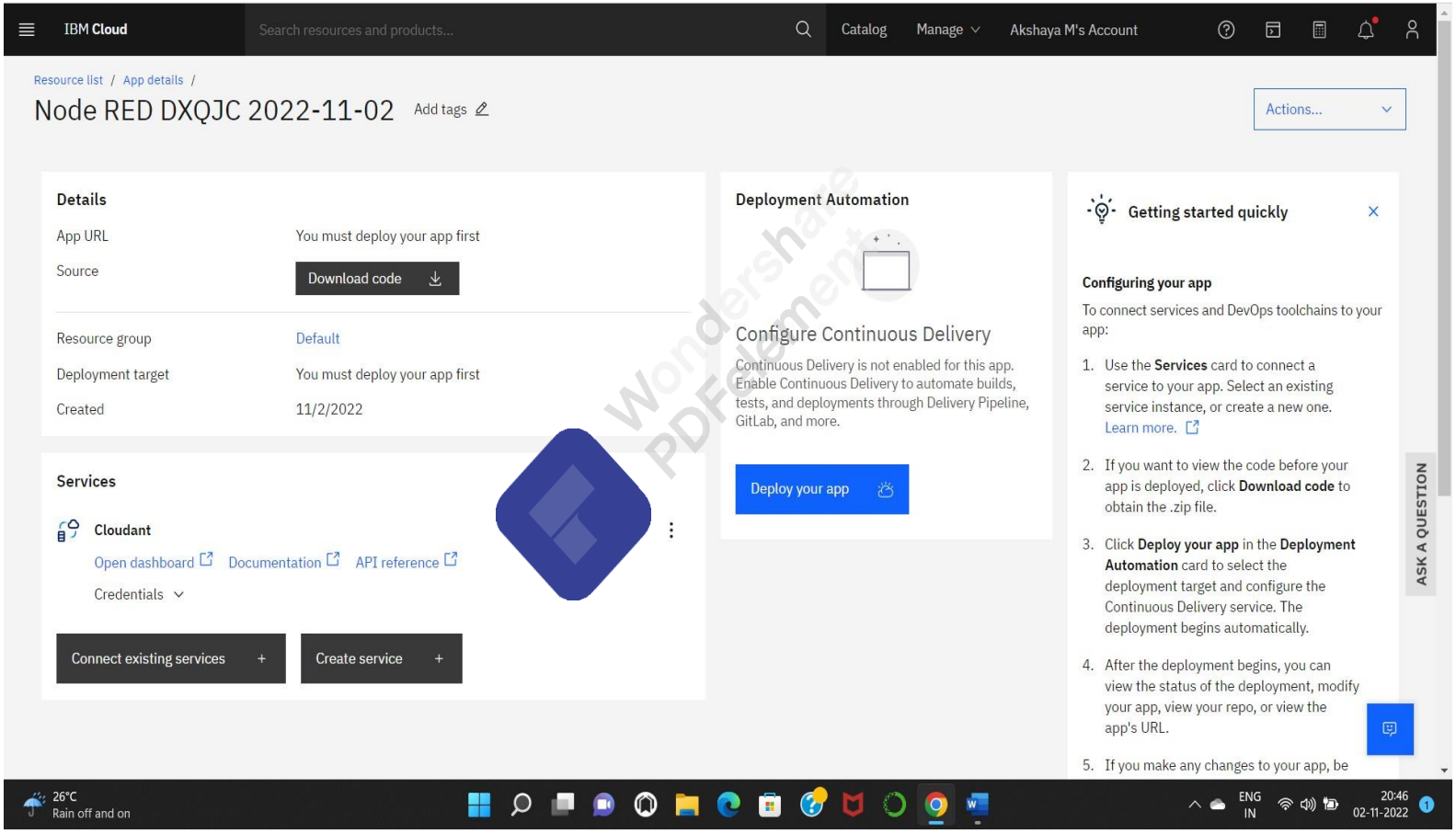
Team ID	PNT2022TMID05128
Project Name	Smart waste management system for metropolitan cities

Step 1: Login into IBM CLOUD account

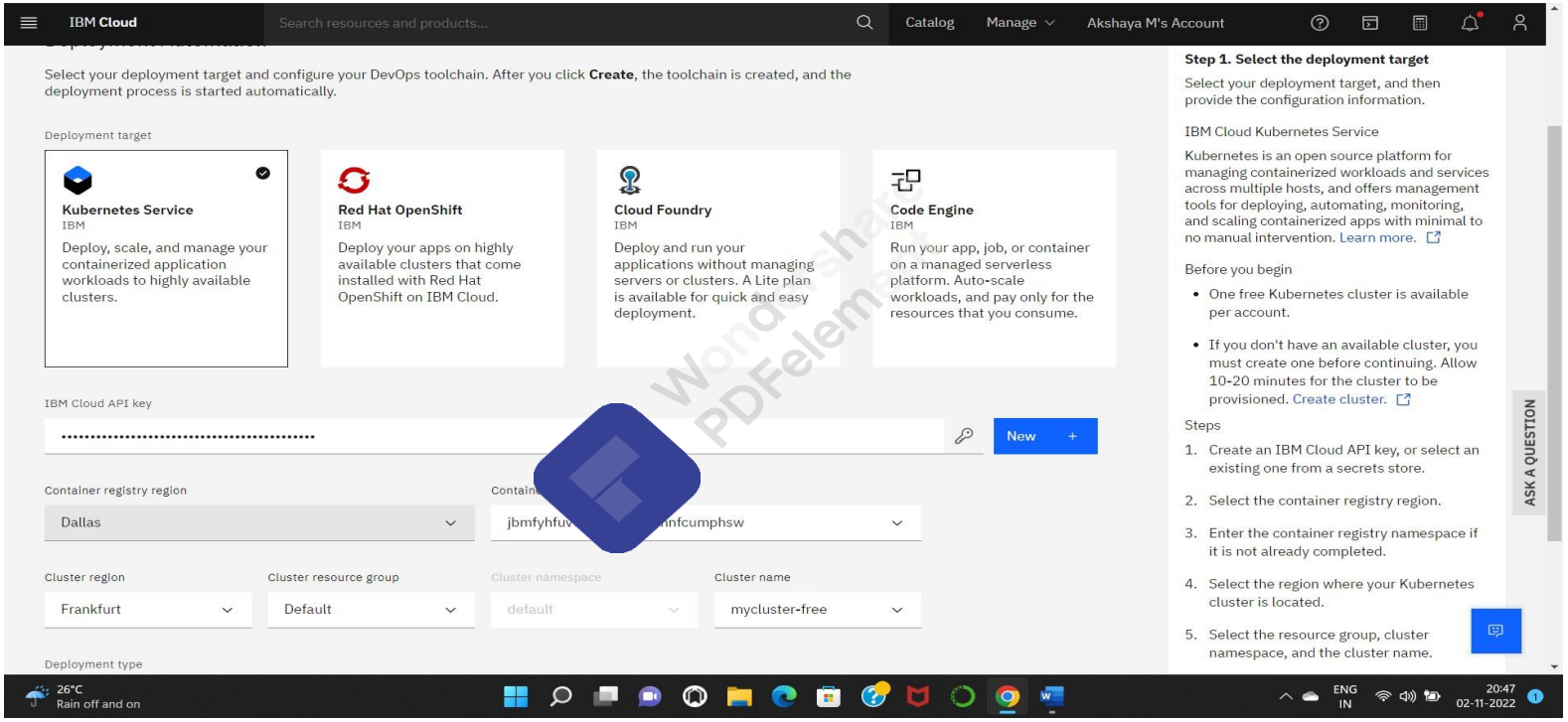
Step2: In catalog, search for node red application



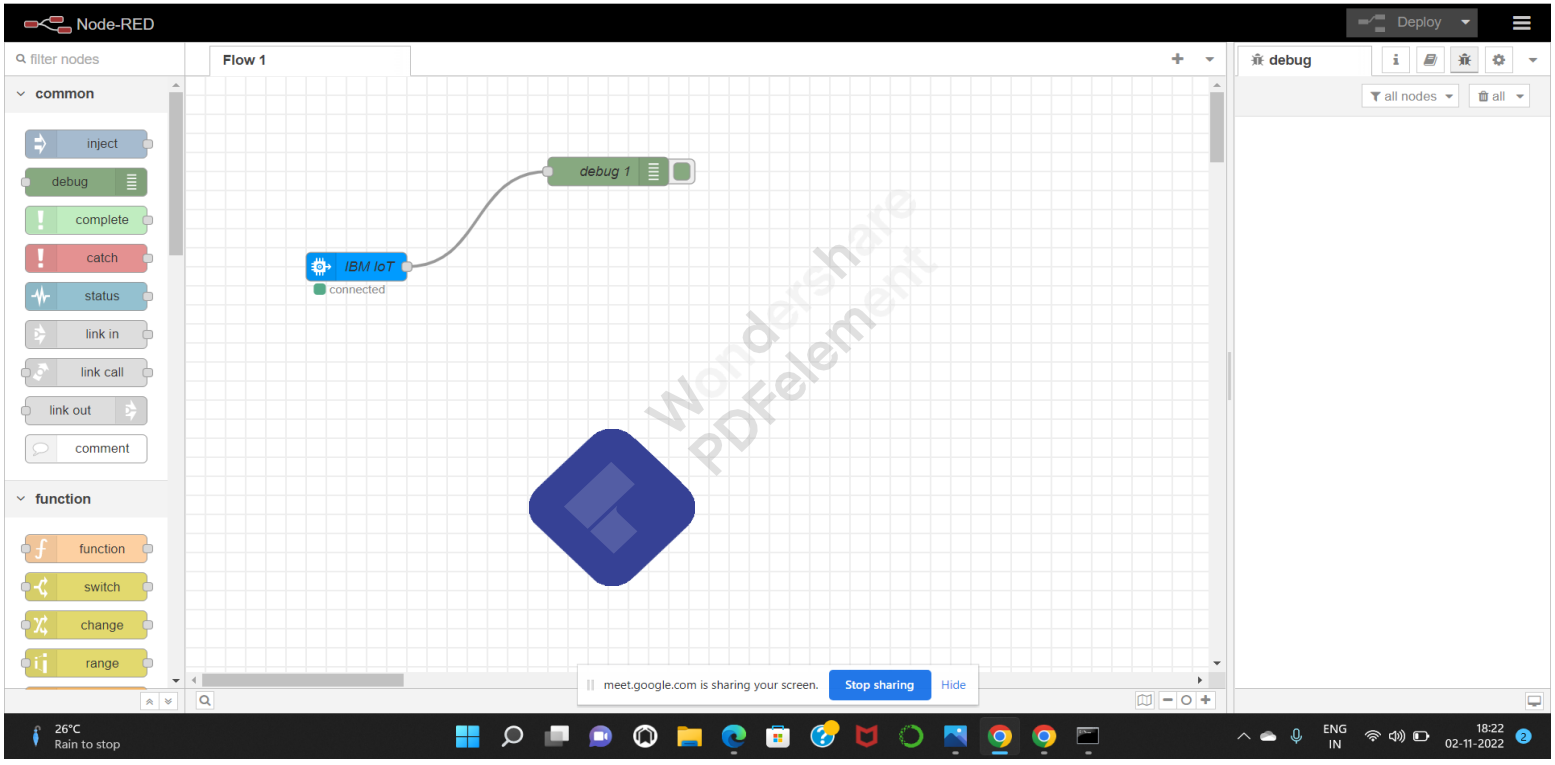
Step 3: Enter the project details and click on create
Step 4: click on deploy option and deploy



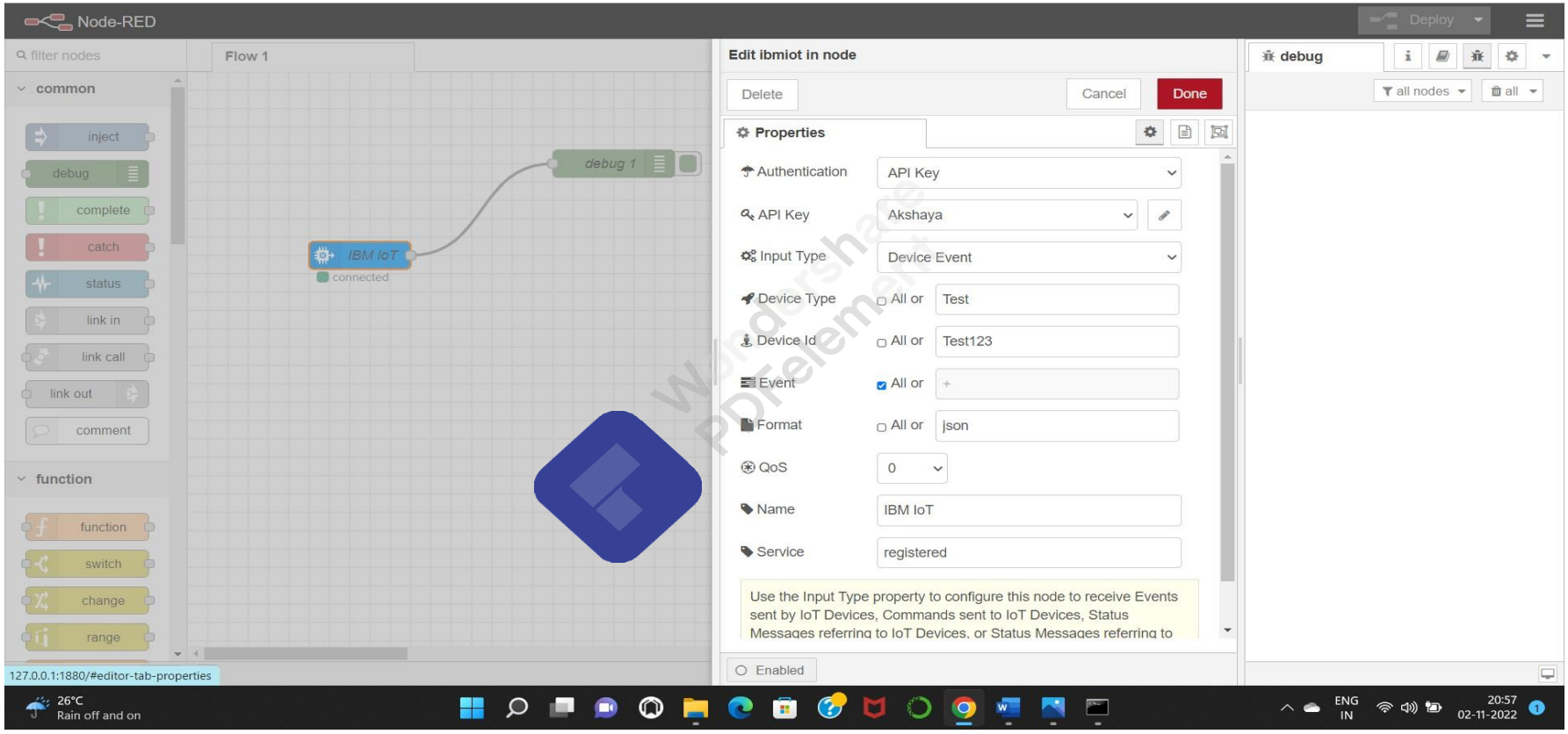
Step 5: Set up the environment for deploying and click on create



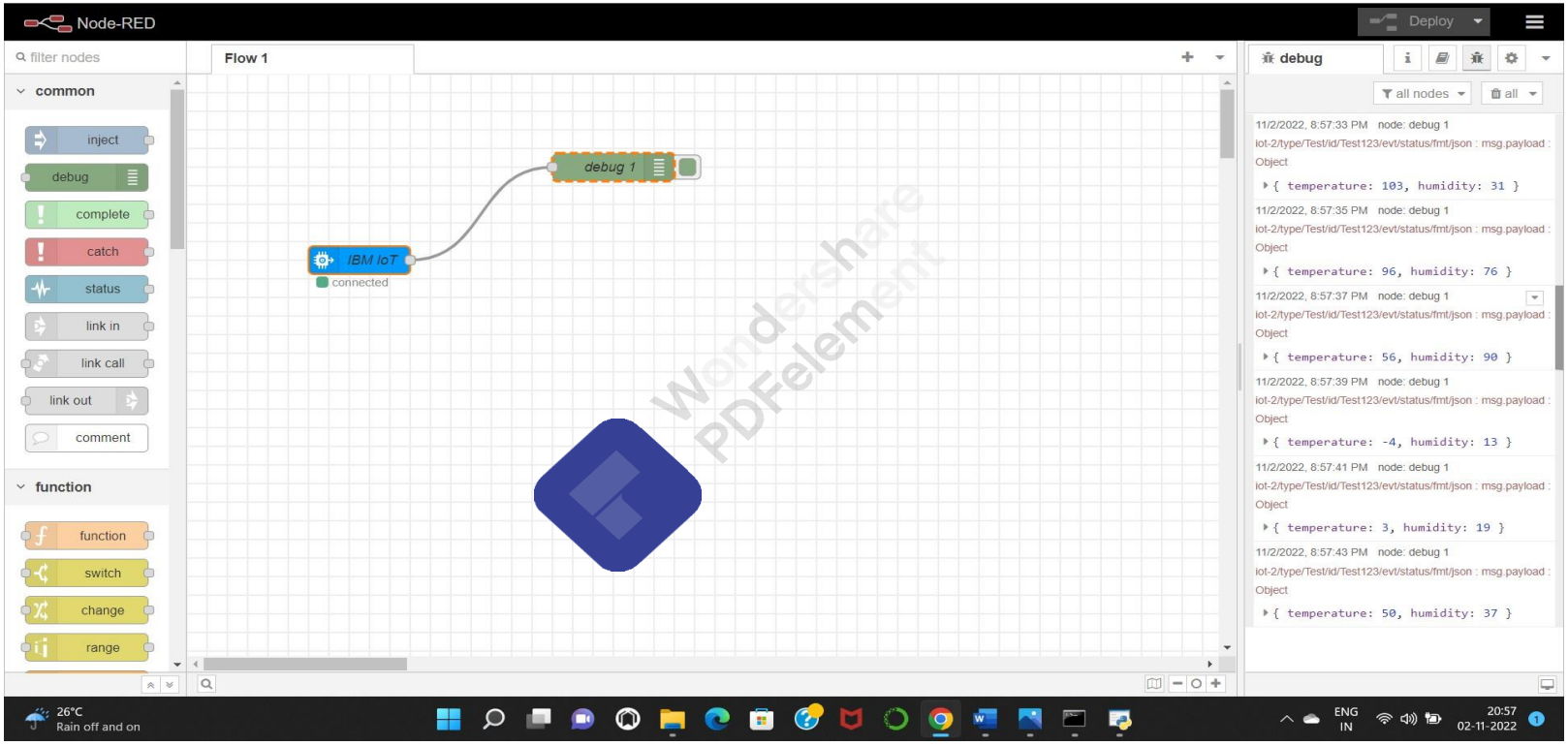
Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform

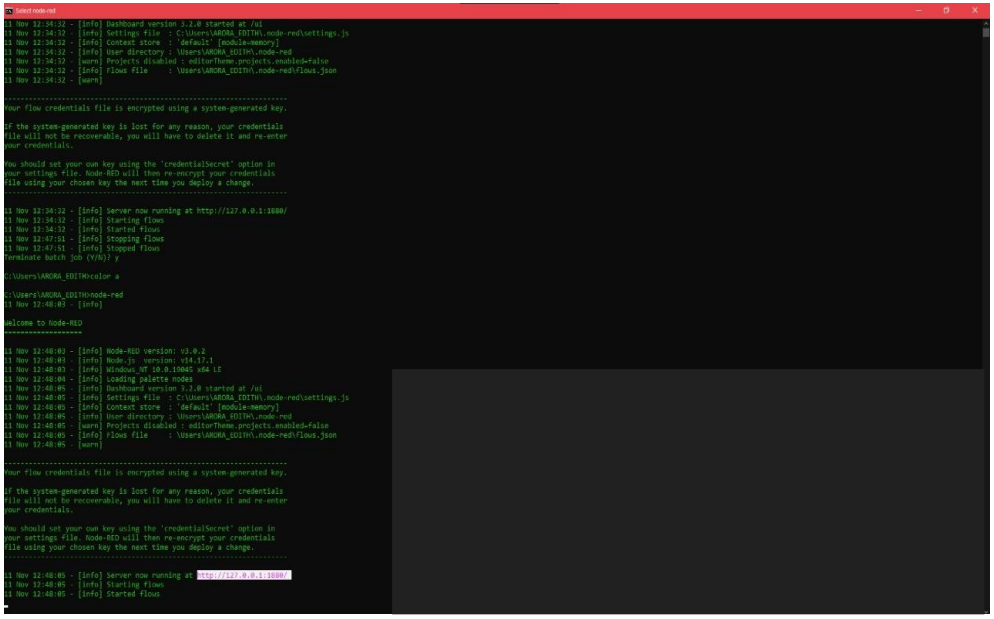


Step 7: setup the settings that connects node red service with Watson IOT



Step 8: Finally, output can be seen in node red service




cmd node-red
11 Nov 12:34:32 - [info] Dashboard version 3.2.0 started at /ui
11 Nov 12:34:32 - [info] Settings file : C:\Users\ARORA_EDITH\.node-red\settings.js
11 Nov 12:34:32 - [info] Context store : 'default' [module=memory]
11 Nov 12:34:32 - [info] User directory : \Users\ARORA_EDITH\.node-red
11 Nov 12:34:32 - [warn] Projects disabled : editorTheme.projects.enabled=false
11 Nov 12:34:32 - [info] Flows file : \Users\ARORA_EDITH\.node-red\flows.json
11 Nov 12:34:32 - [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.
11 Nov 12:34:32 - [info] Server now running at http://127.0.0.1:1880/
11 Nov 12:34:32 - [info] Starting flows
11 Nov 12:34:32 - [info] Started flows
11 Nov 12:47:51 - [info] Stopping flows
11 Nov 12:47:51 - [info] Stopped flows
Terminate batch job (Y/N)? y
C:\Users\ARORA_EDITH>color a
C:\Users\ARORA_EDITH>node-red
11 Nov 12:48:03 - [info]
Welcome to Node-RED
11 Nov 12:48:03 - [info] Node-RED version: v3.0.2
11 Nov 12:48:03 - [info] Node.js version: v14.17.1
11 Nov 12:48:03 - [info] Windows_NT 10.0.19045 x64 LE
11 Nov 12:48:04 - [info] Loading palette nodes
11 Nov 12:48:05 - [info] Dashboard version 3.2.0 started at /ui
11 Nov 12:48:05 - [info] Settings file : C:\Users\ARORA_EDITH\.node-red\settings.js
11 Nov 12:48:05 - [info] Context store : 'default' [module=memory]
11 Nov 12:48:05 - [info] User directory : \Users\ARORA_EDITH\.node-red
11 Nov 12:48:05 - [warn] Projects disabled : editorTheme.projects.enabled=false
11 Nov 12:48:05 - [info] Flows file : \Users\ARORA_EDITH\.node-red\flows.json
11 Nov 12:48:05 - [warn]
Your flow credentials file is encrypted using a system-generated key.
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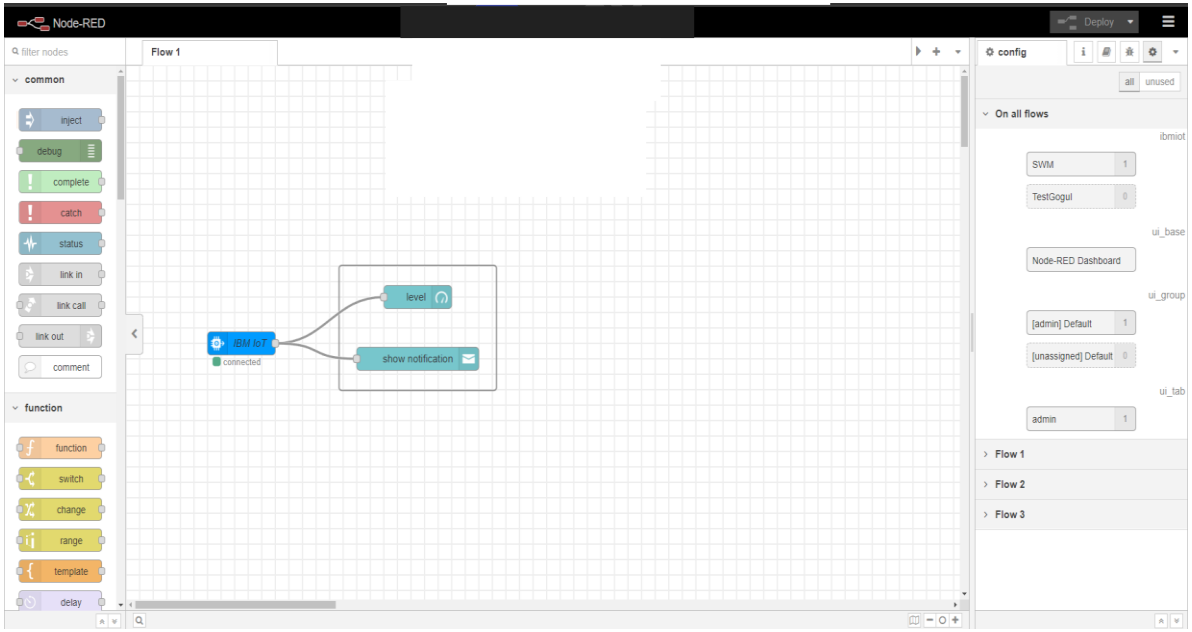
file using your chosen key the next time you deploy a change.
11 Nov 12:48:05 - [info] Server now running at http://127.0.0.1:1880/
11 Nov 12:48:05 - [info] Starting flows
11 Nov 12:48:05 - [info] Started flows


Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
IBM IoT
connected
level
show notification
config
all
unused
On all flows
ibmiot
SWM
1
TestGogul
0
ui_base
Node-RED Dashboard
ui_group
[admin] Default
1
[unassigned] Default
0
ui_tab
admin
1
Flow 1
Flow 2
Flow 3