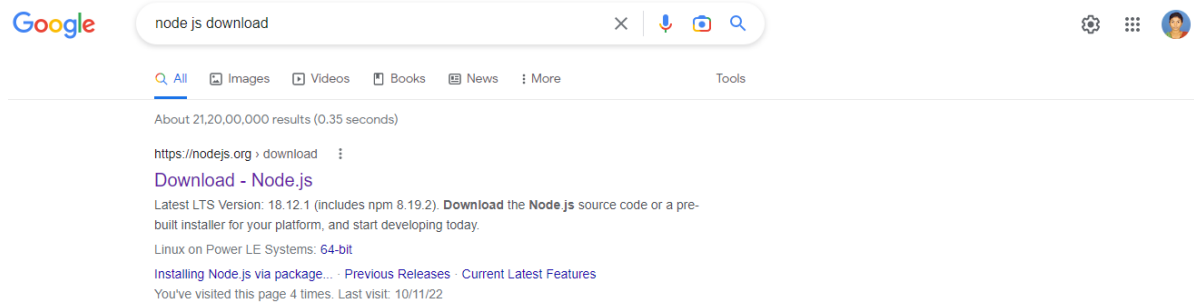
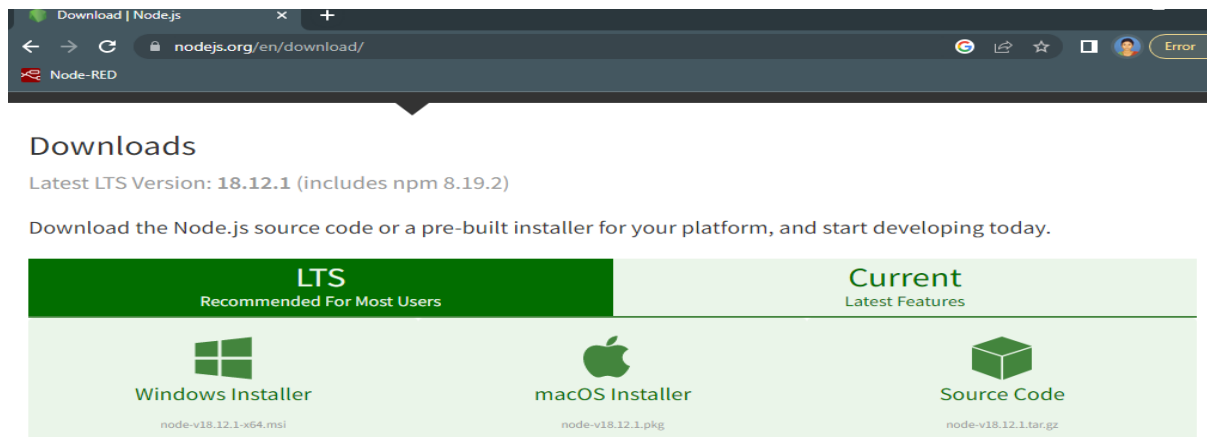


# CREATE NODE –RED SERVICE

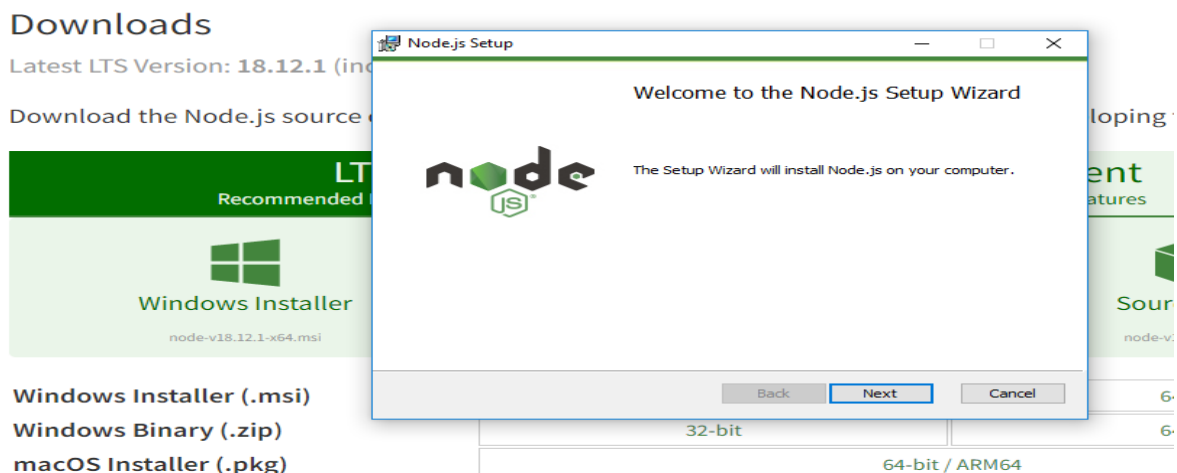
Open browser&Search Node js Download.



Download node js for windows 10



Dialog box will open give next.

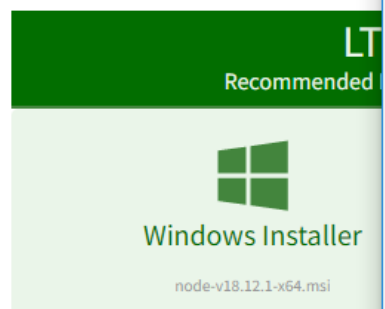


Give next

## Downloads

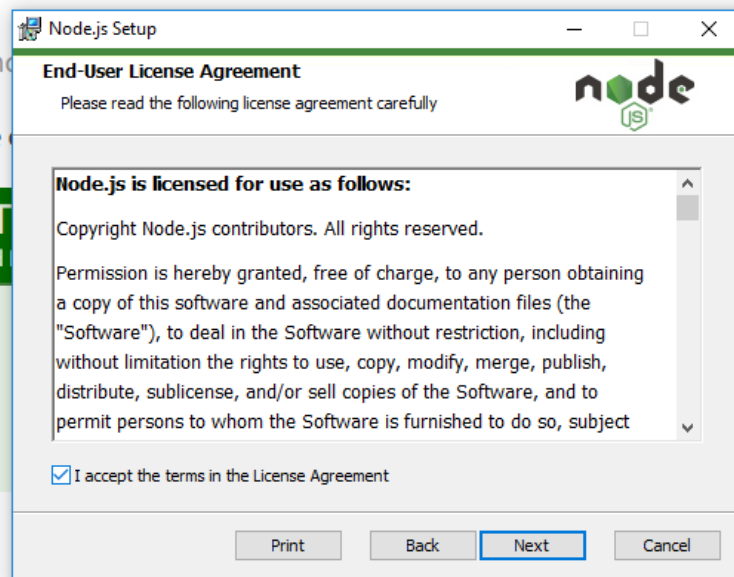
Latest LTS Version: 18.12.1 (info)

Download the Node.js source code



Windows Installer (.msi)

Windows Binary (.zip)

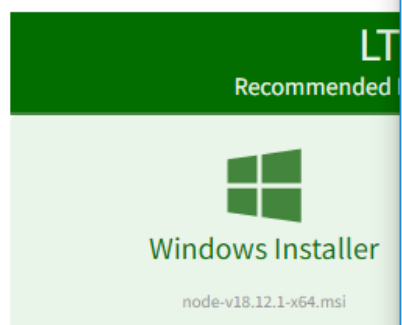


Give next

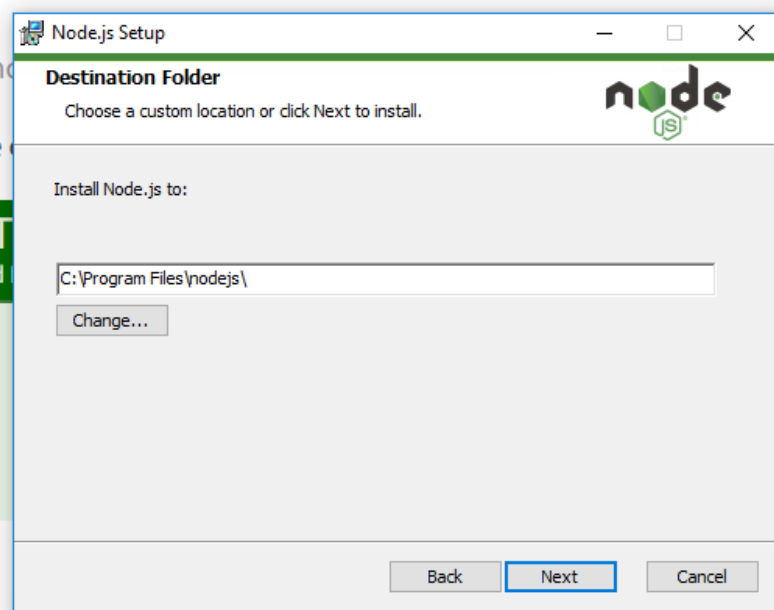
## Downloads

Latest LTS Version: 18.12.1 (info)

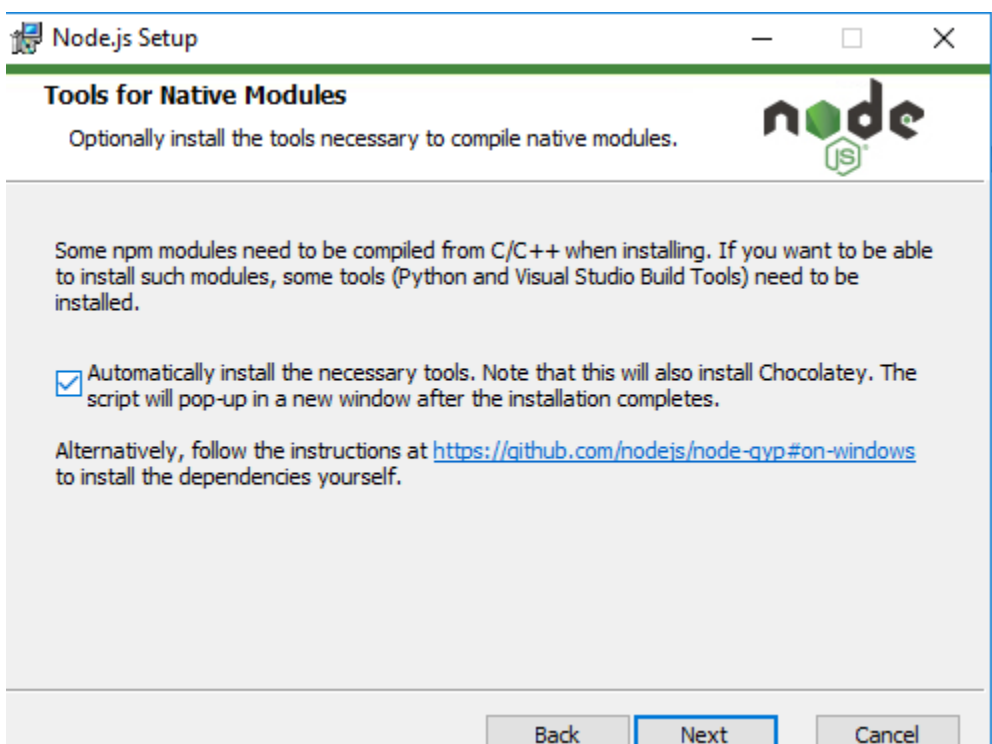
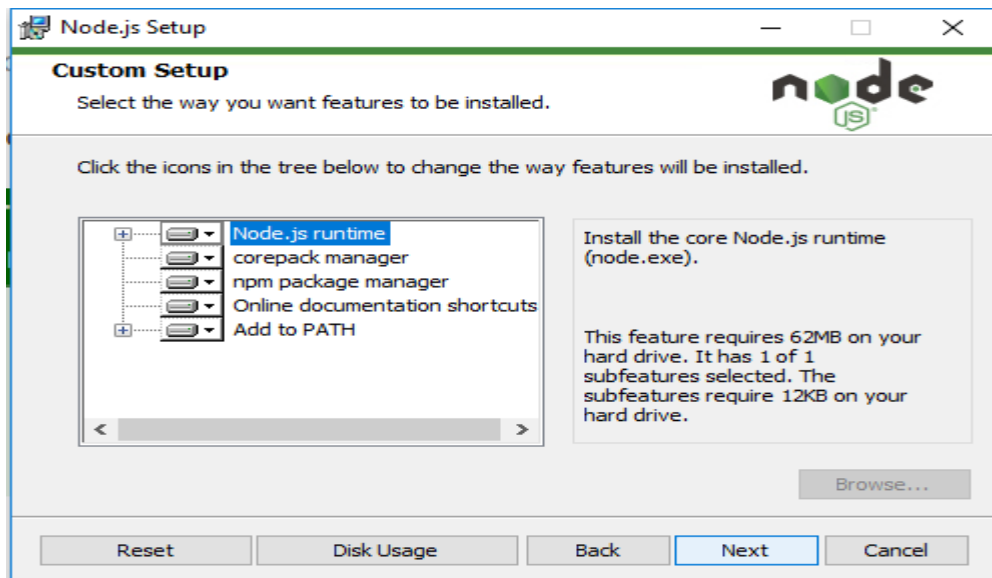
Download the Node.js source code



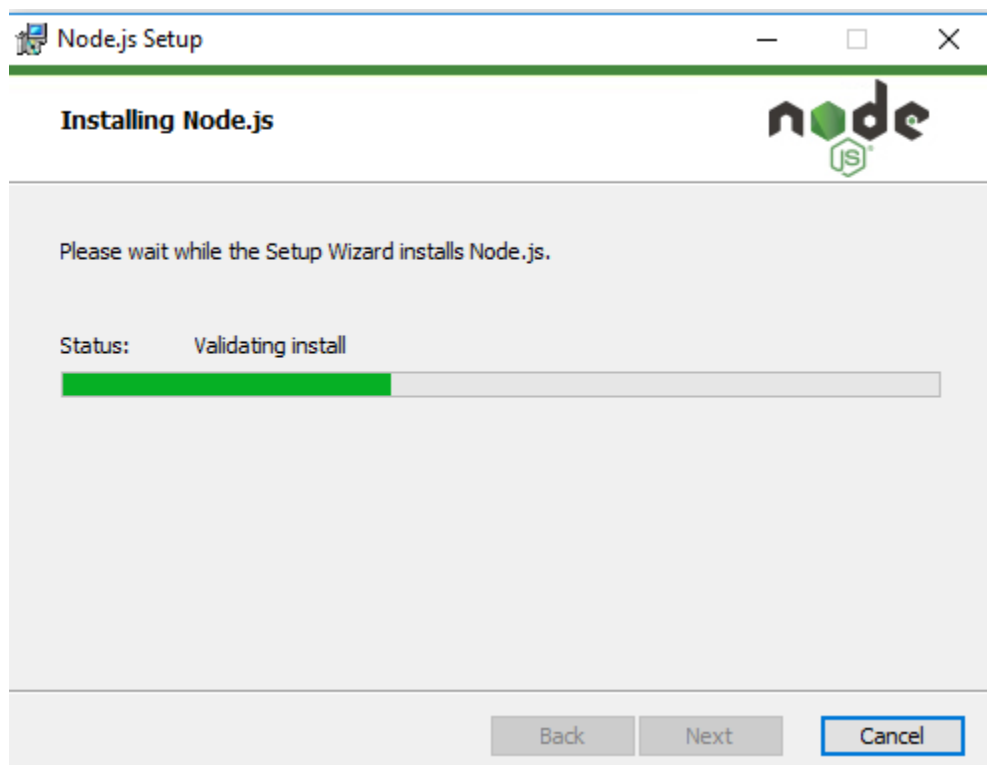
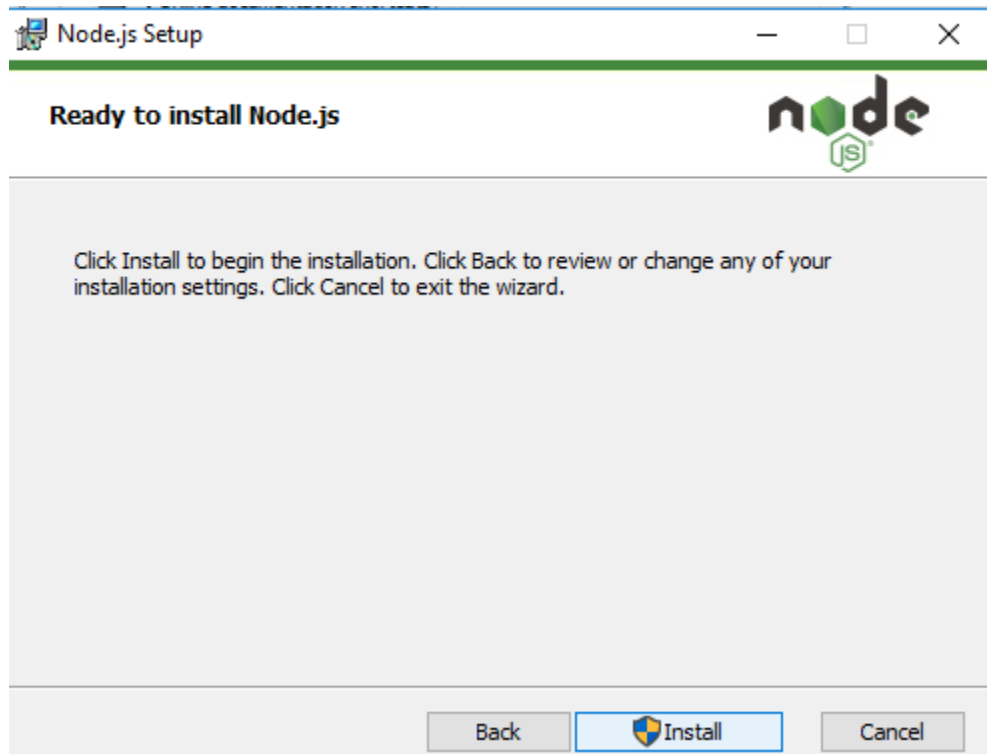
Windows Installer (.msi)



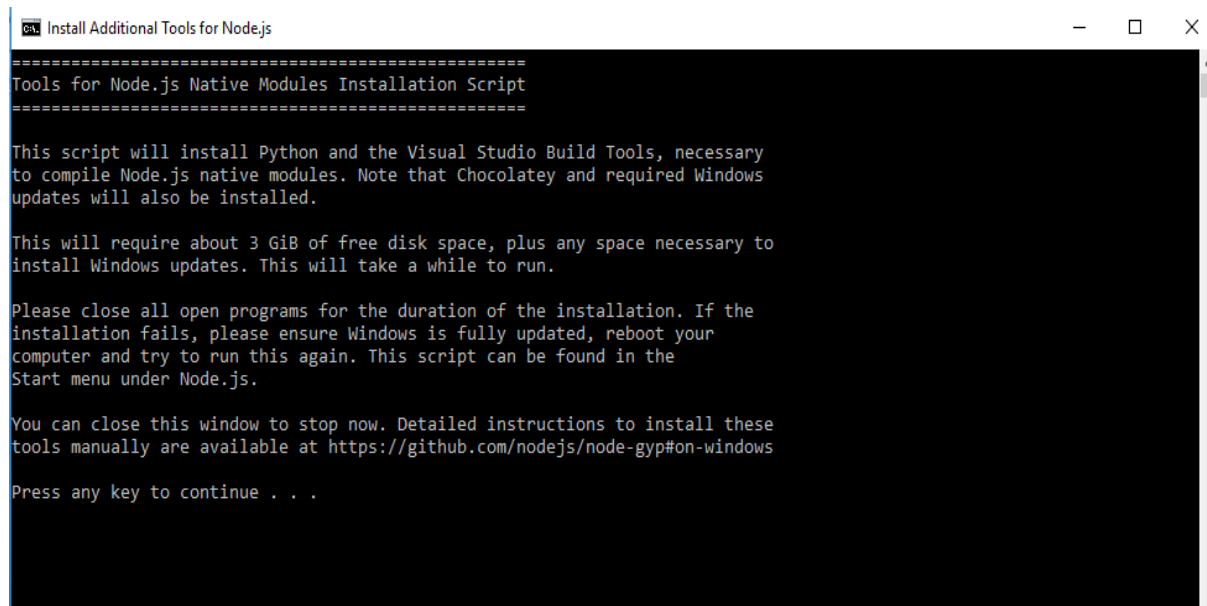
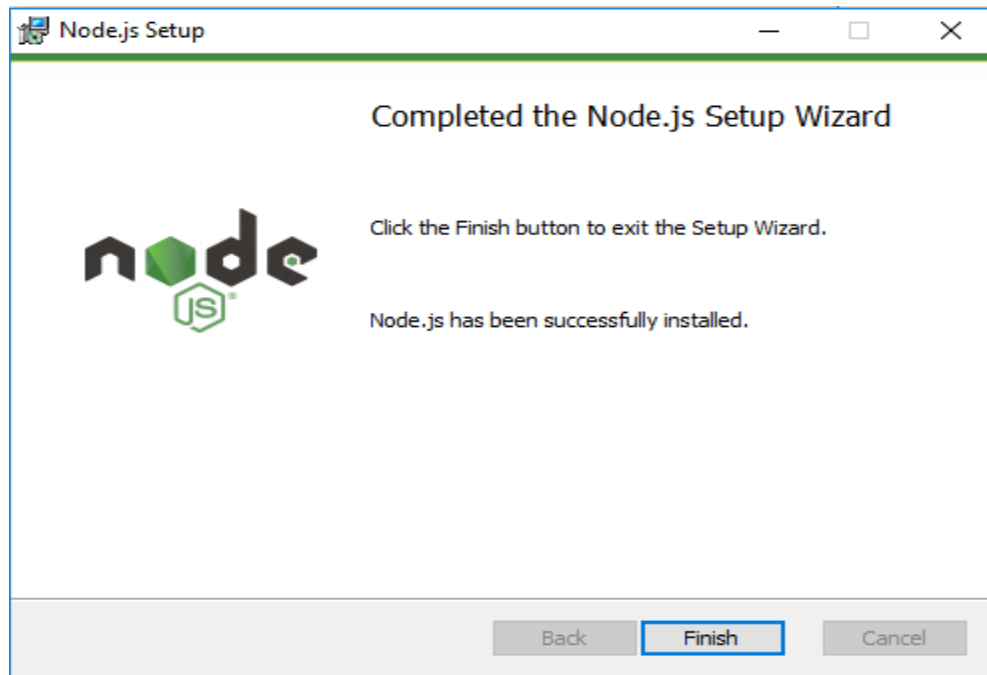
Give next



## Click install



## Click finish



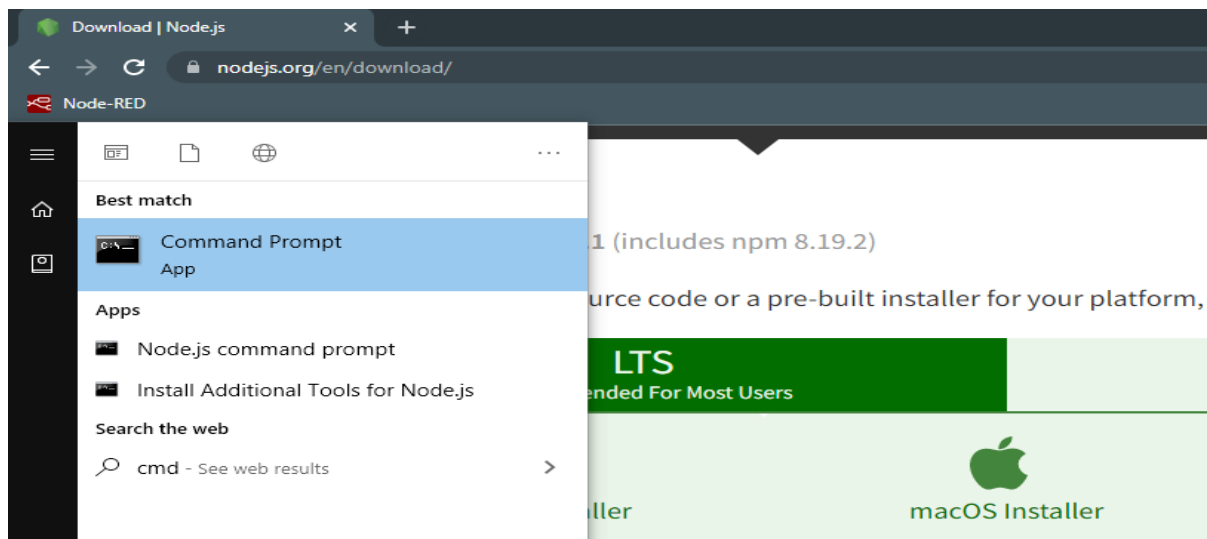
Administrator: Windows PowerShell

```
Downloading https://community.chocolatey.org/api/v2/package/chocolatey/1.2.0 to C:\Users\SILAMB~1\AppData\Local\Temp\chocolatey\chocoInstall\chocolatey.zip
Not using proxy.
Extracting C:\Users\SILAMB~1\AppData\Local\Temp\chocolatey\chocoInstall\chocolatey.zip to C:\ProgramData\chocolatey\chocoInstall
Installing Chocolatey on the local machine
Creating ChocolateyInstall as an environment variable (targeting 'Machine')
Setting ChocolateyInstall to 'C:\ProgramData\chocolatey'
WARNING: It's very likely you will need to close and reopen your shell
        before you can use choco.
Restricting write permissions to Administrators
We are setting up the Chocolatey package repository.
The packages themselves go to 'C:\ProgramData\chocolatey\lib'
(i.e. C:\ProgramData\chocolatey\lib\yourPackageName).
A shim file for the command line goes to 'C:\ProgramData\chocolatey\bin'
and points to an executable in 'C:\ProgramData\chocolatey\lib\yourPackageName'.

Creating Chocolatey folders if they do not already exist.

WARNING: You can safely ignore errors related to missing log files when
        upgrading from a version of Chocolatey less than 0.9.9.
        'Batch file could not be found' is also safe to ignore.
        'The system cannot find the file specified' - also safe.
chocolatey.nupkg file not installed in lib.
Attempting to locate it from bootstrapper.
PATH environment variable does not have C:\ProgramData\chocolatey\bin in it. Adding...
WARNING: Not setting tab completion: Profile file does not exist at
'C:\Users\silambarasan\Documents\WindowsPowerShell\Microsoft.PowerShell_profile.ps1'.
Chocolatey (choco.exe) is now ready.
You can call choco from anywhere, command line or powershell by typing choco.
Run choco /? for a list of functions.
You may need to shut down and restart powershell and/or consoles
```

## Open command prompt



## Type node -v to check the version

```
C:\> npm install npm

Microsoft Windows [Version 10.0.17134.1304]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\silambarasan>node -v
v18.12.1

C:\Users\silambarasan>npm install npm --global
[██████████] - reify:npm: timing reify:createSparse Completed in 5ms
```

## Type npm install npm—global & hit enter

```
npm install node-red

Microsoft Windows [Version 10.0.17134.1304]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\silambarasan>node -v
v18.12.1

C:\Users\silambarasan>npm install npm --global

added 1 package, and audited 223 packages in 24s

14 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

C:\Users\silambarasan>npm install -g --unsafe-perm node-red
[██████████] \ reify:fs-extra: http fetch GET 200 https://registry.npmjs.org/fs-extra/-/fs-extra-10.1.0.tgz 150
```

node-red

```
15 Nov 19:31:07 - [info] Node-RED version: v3.0.2
15 Nov 19:31:07 - [info] Node.js version: v18.12.1
15 Nov 19:31:07 - [info] Windows_NT 10.0.17134 x64 LE
15 Nov 19:31:13 - [info] Loading palette nodes
15 Nov 19:31:22 - [info] Settings file : C:\Users\silambarasan\.node-red\settings.js
15 Nov 19:31:22 - [info] Context store : 'default' [module=memory]
15 Nov 19:31:22 - [info] User directory : C:\Users\silambarasan\.node-red
15 Nov 19:31:22 - [warn] Projects disabled : editorTheme.projects.enabled=false
15 Nov 19:31:22 - [info] Flows file : C:\Users\silambarasan\.node-red\flows.json
15 Nov 19:31:22 - [info] Creating new flow file
15 Nov 19:31:22 - [warn]

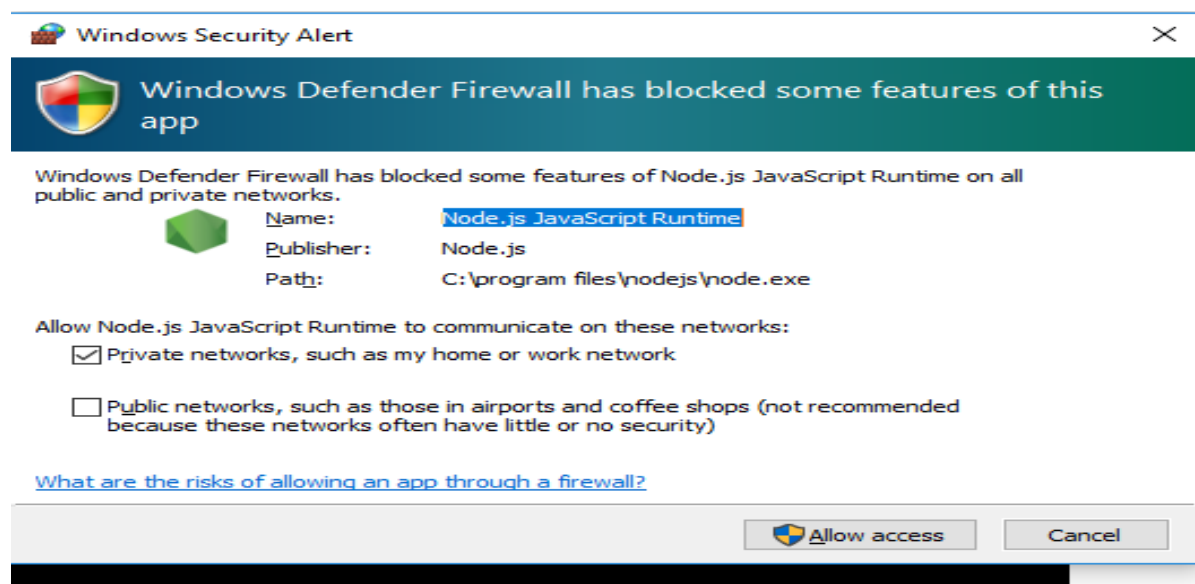
-----
Your flow credentials file is encrypted using a system-generated key.

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.
-----

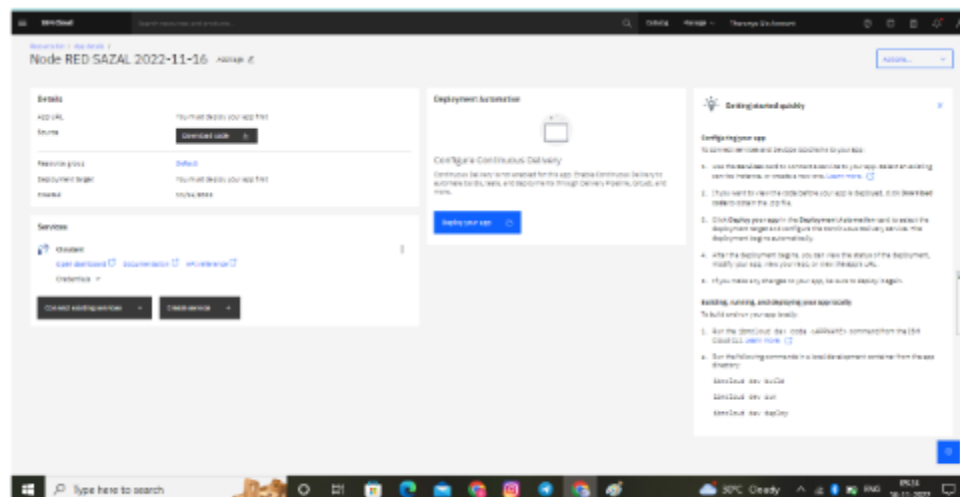
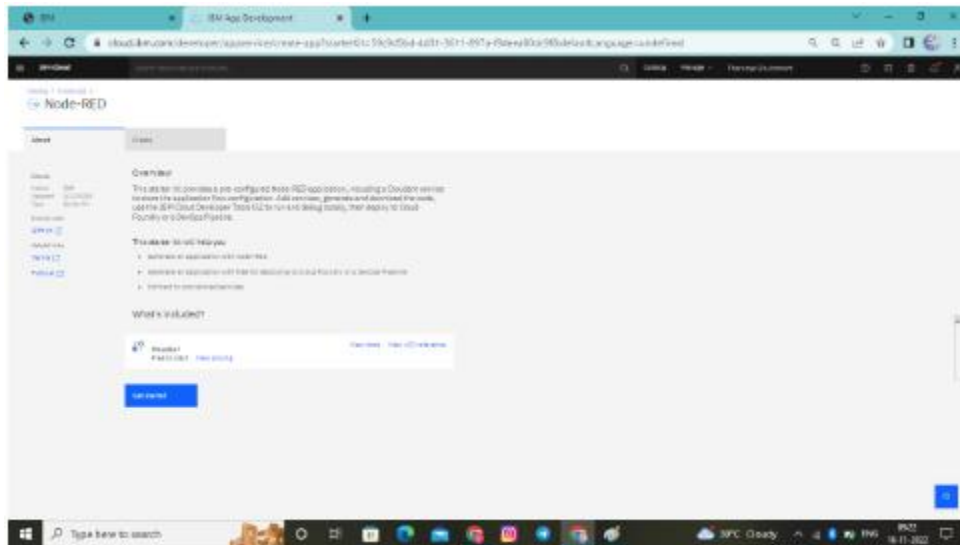
15 Nov 19:31:22 - [info] Server now running at http://127.0.0.1:1880/
15 Nov 19:31:22 - [warn] Encrypted credentials not found
15 Nov 19:31:22 - [info] Starting flows
15 Nov 19:31:22 - [info] Started flows
```

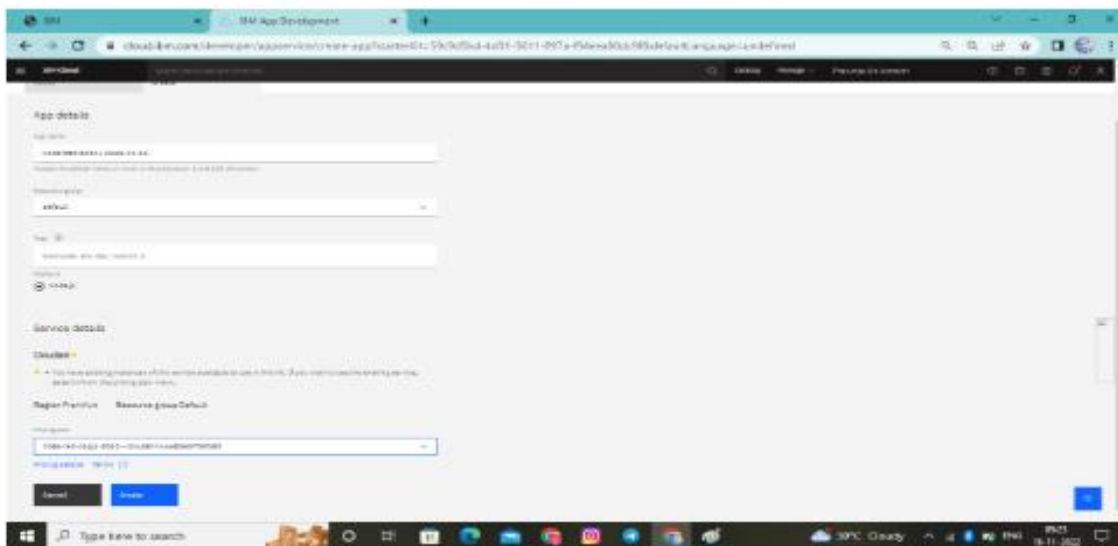
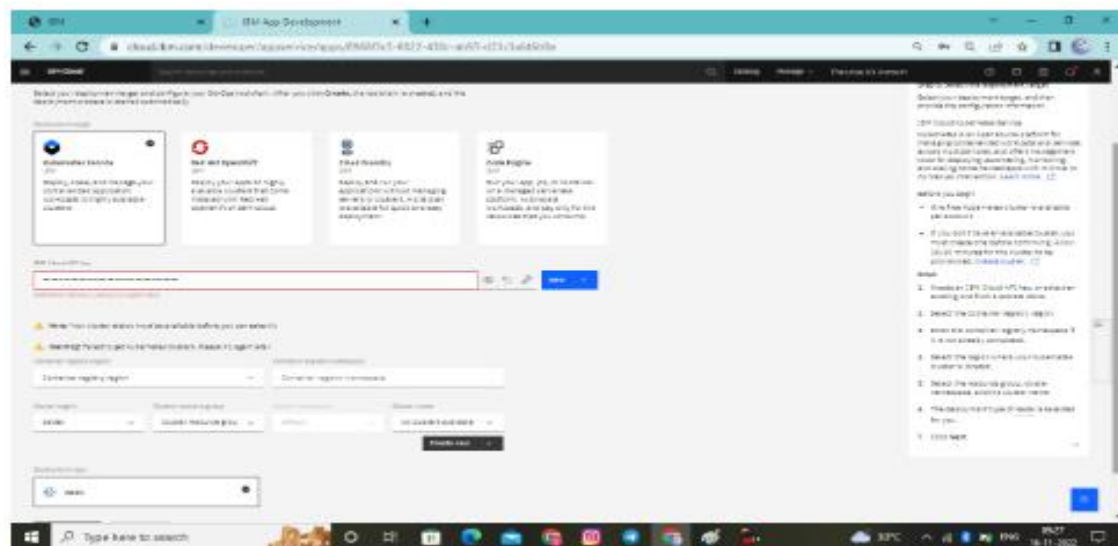
## Allow access for further process





## Open ibm cloud account and select catalog and type node red





**Final screen Node Red will appear**

