

## Installation Guideline:

This are steps which you need to follow to install Java, NodeJS, Angular-Cli, GitHub which is needed to use the Annotate Software.

### Step 1 – Installation of Java

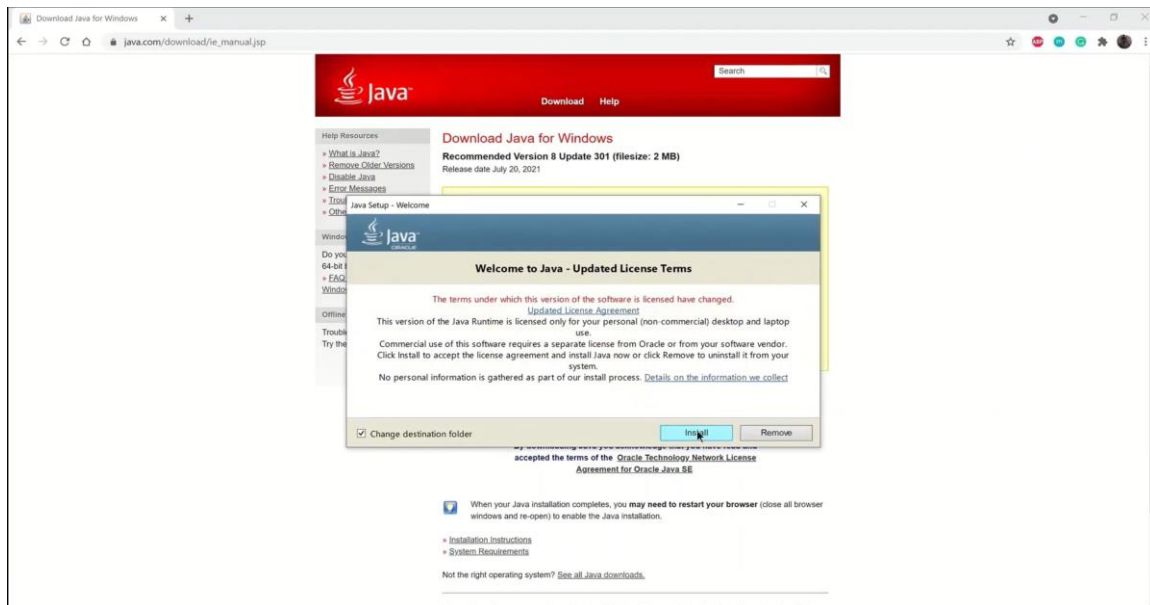
**\*Please skip this part if Java is already Installed on your Machine.**

-> Go to <https://java.com/en/>

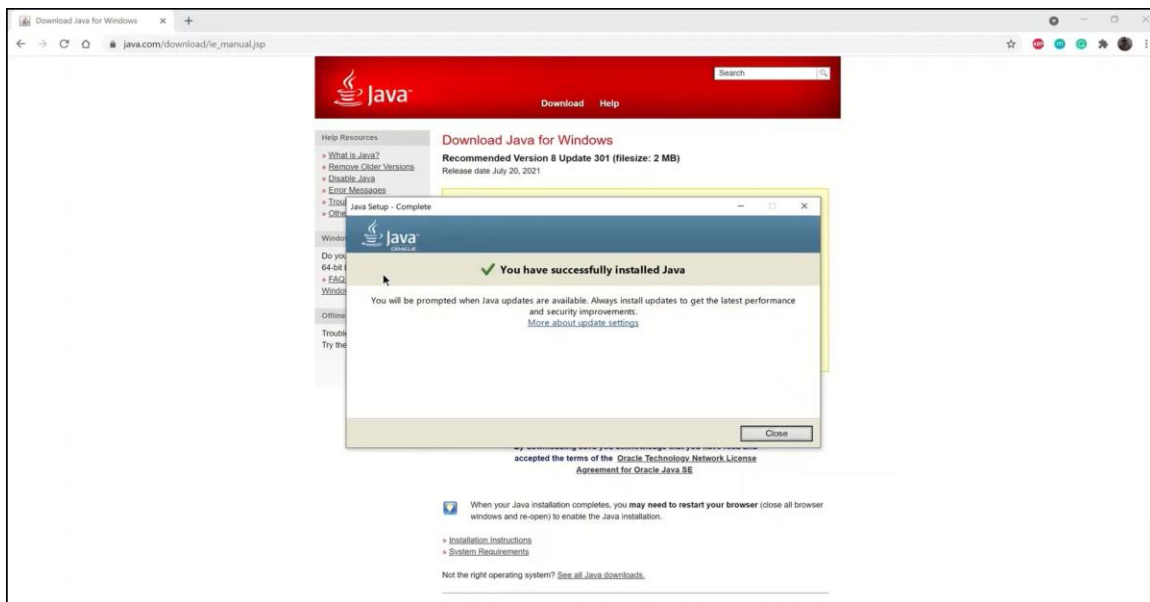
-> Click on Download Button

-> Follow the steps as shown in images bellow:

1:



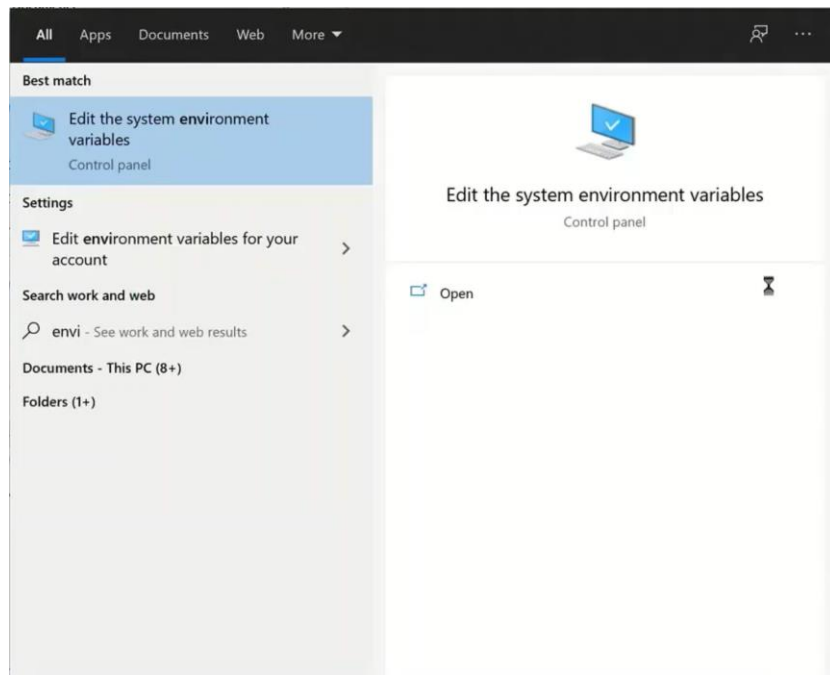
2:



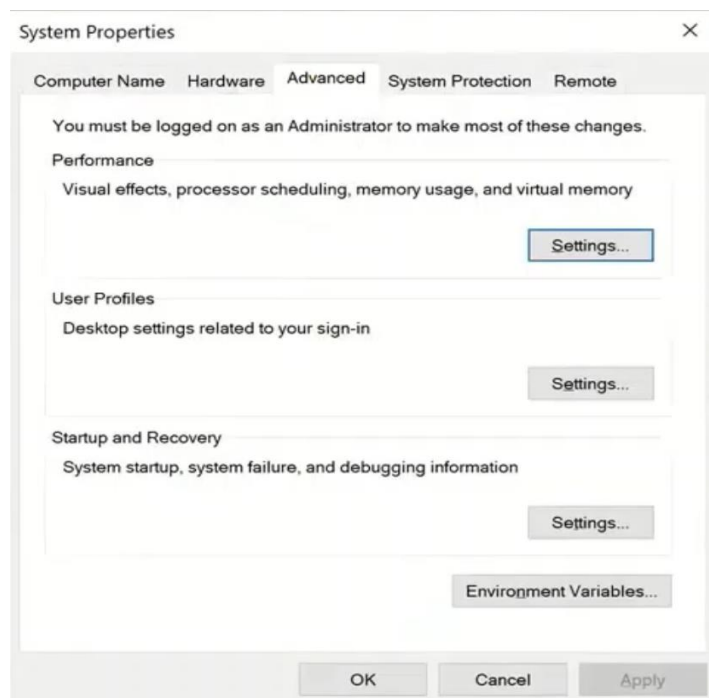
Java is installed and Now we need to set environment variable on your machine

-> In Start Menu, Type: **“System Variable”**

3:

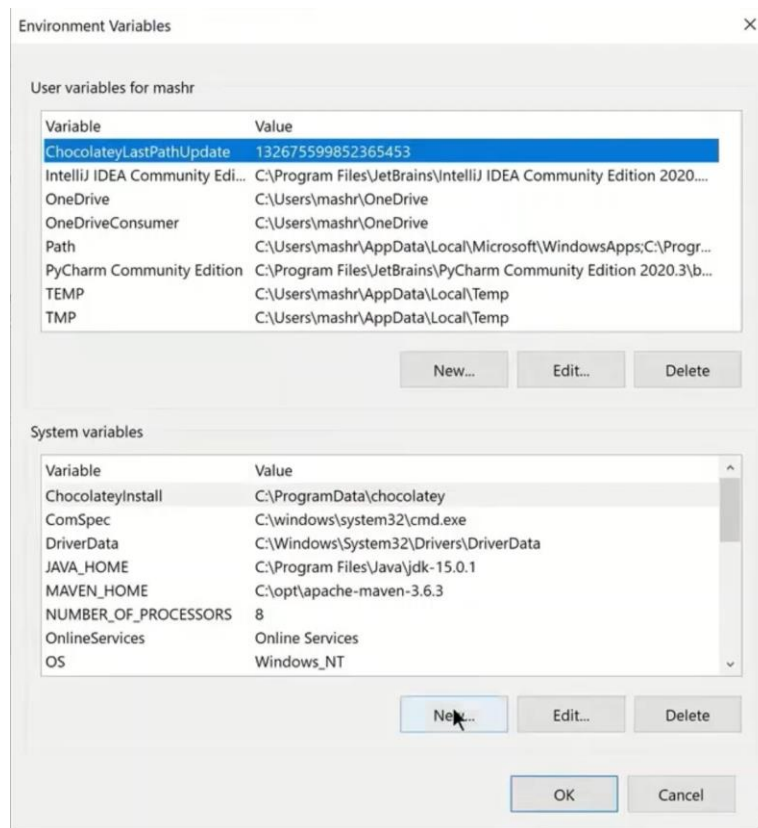


4:

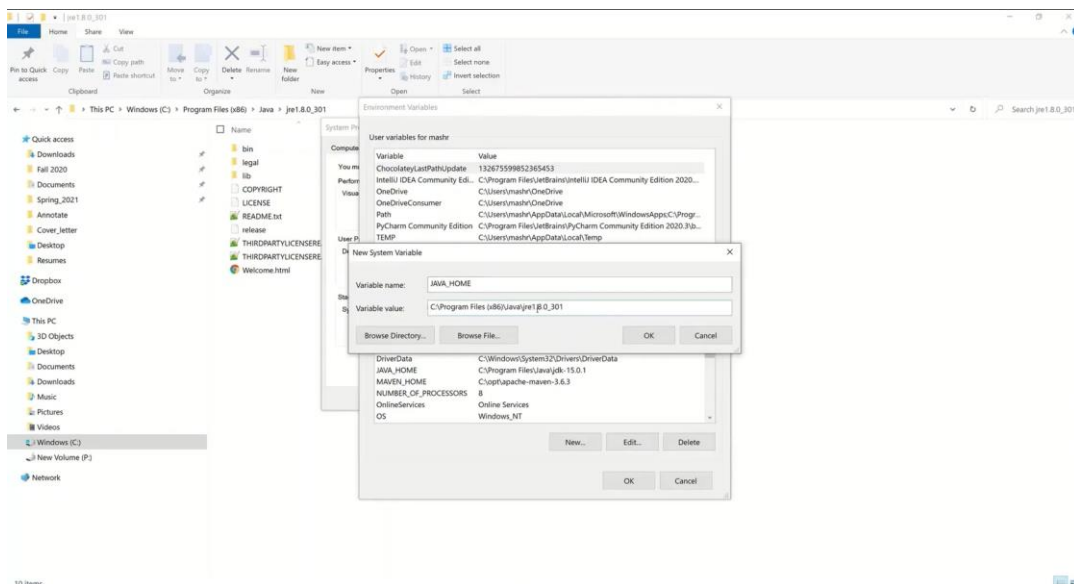


In this click on Environment Variable Button.

5: Click on New in System Variables



6: Enter JAVA\_HOME as name and Java installed directory path as Value



7: Click OK and Java is setup successfully on your system

## Step 2: Installation of NodeJS

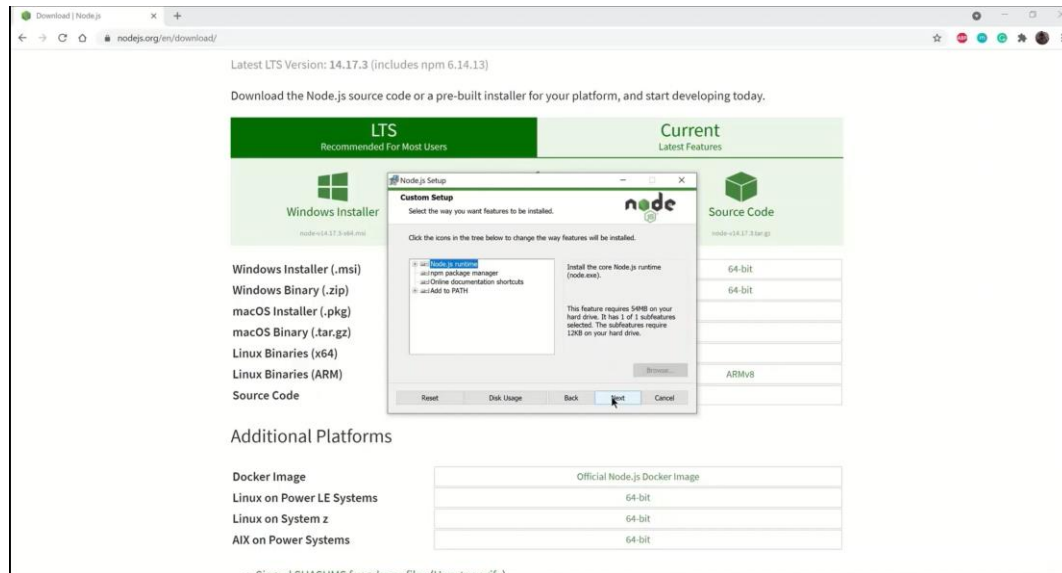
\*Please skip this part if NodeJS is already Installed on your Machine.

-> Go to <https://nodejs.org/en/download/>

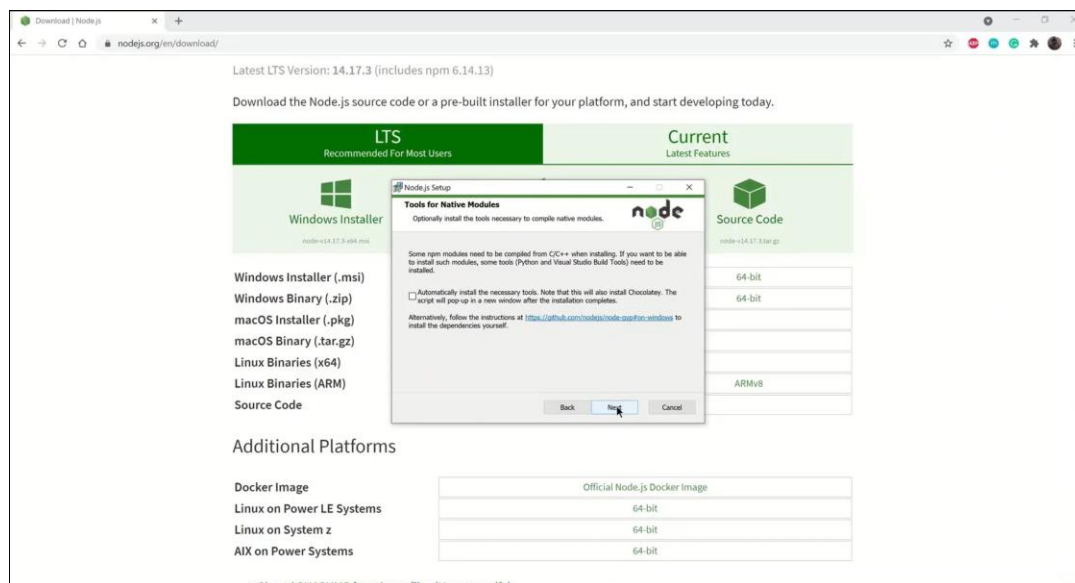
-> Download according to your system preference

-> Follow the steps as shown in images:

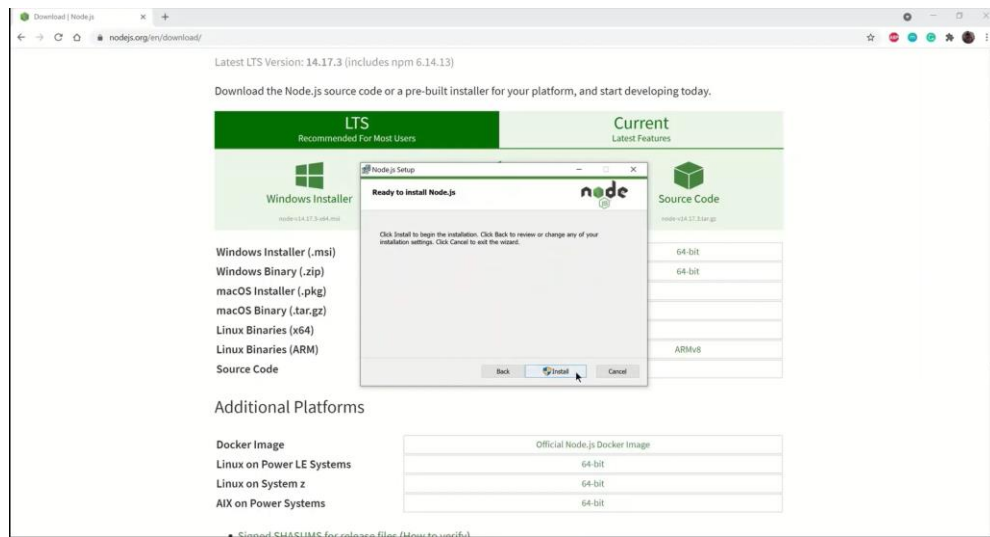
1:



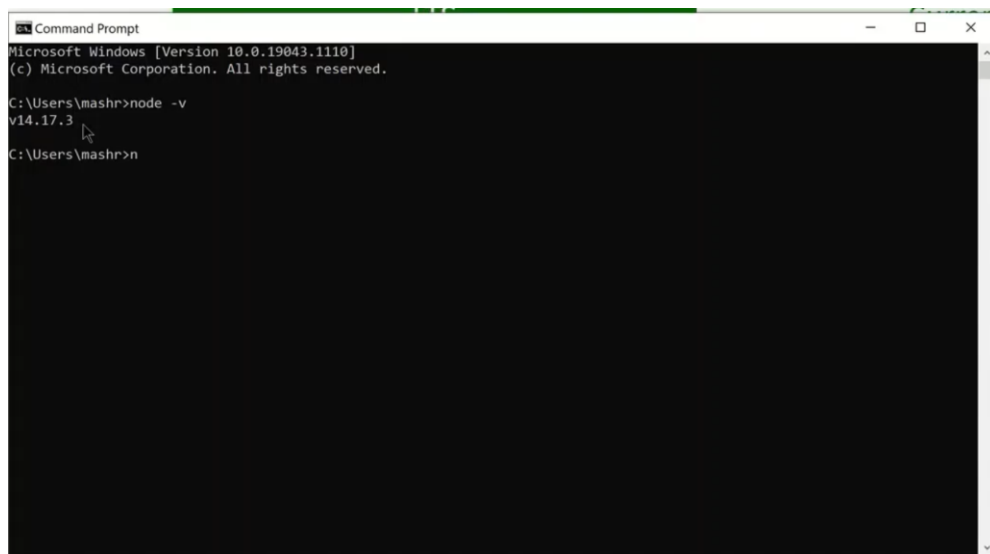
2: Please don't select Automatically Install necessary tools



3: Click on Install



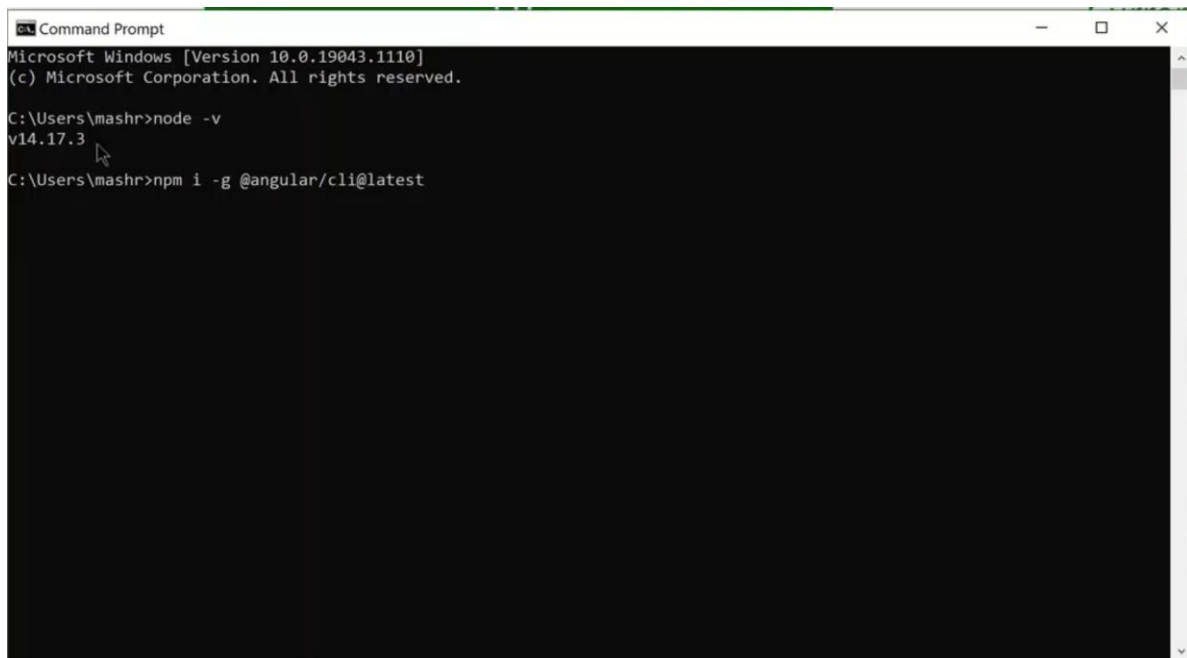
4: Once Installation is completed, open Command Prompt and type: **node -v** . It should look like this



**NodeJS is installed**

### Step 3: Install Angular-Cli

-> In command prompt, enter command: **npm i -g @angular/cli@latest**

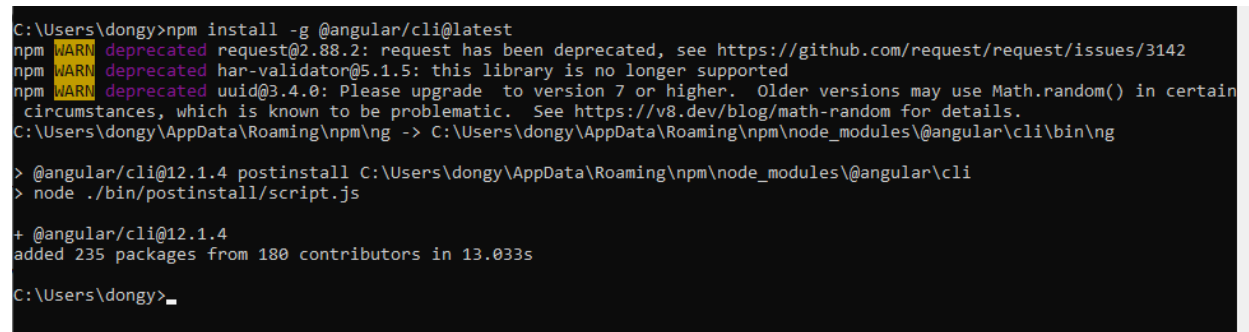


```
Command Prompt
Microsoft Windows [Version 10.0.19043.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\mashr>node -v
v14.17.3
C:\Users\mashr>npm i -g @angular/cli@latest
```

It will take some time to get Install.

Once successfully installed, it will look like this:



```
C:\Users\dongy>npm install -g @angular/cli@latest
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142
npm WARN deprecated har-validator@5.1.5: this library is no longer supported
npm WARN deprecated uuid@3.4.0: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain
circumstances, which is known to be problematic. See https://v8.dev/blog/math-random for details.
C:\Users\dongy\AppData\Roaming\npm\ng -> C:\Users\dongy\AppData\Roaming\npm\node_modules\@angular\cli\bin\ng

> @angular/cli@12.1.4 postinstall C:\Users\dongy\AppData\Roaming\npm\node_modules\@angular\cli
> node ./bin/postinstall/script.js

+ @angular/cli@12.1.4
added 235 packages from 180 contributors in 13.033s

C:\Users\dongy>
```

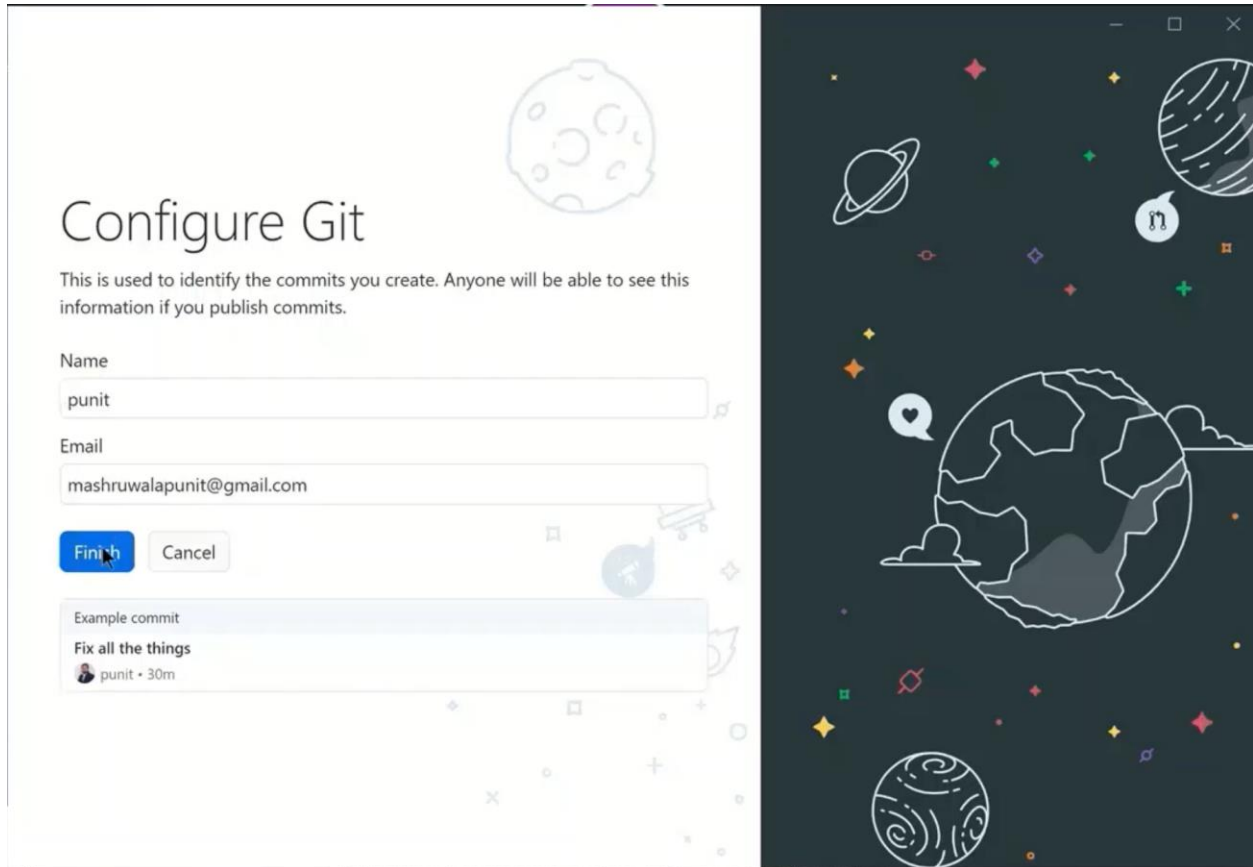
If you found any error during installation, please follow these steps:

- > run this: **npm uninstall -g @angular/cli**
- > Go to this path: **C:\Users\{username}\AppData\npm\node\_modules** on your system
- > Find and delete the folder with the name "**@angular/cli**"
- > And run this command **npm install -g @angular/cli@latest**

#### Step 4: Download and Install Git Hub UI

-> Go to <https://desktop.github.com/>

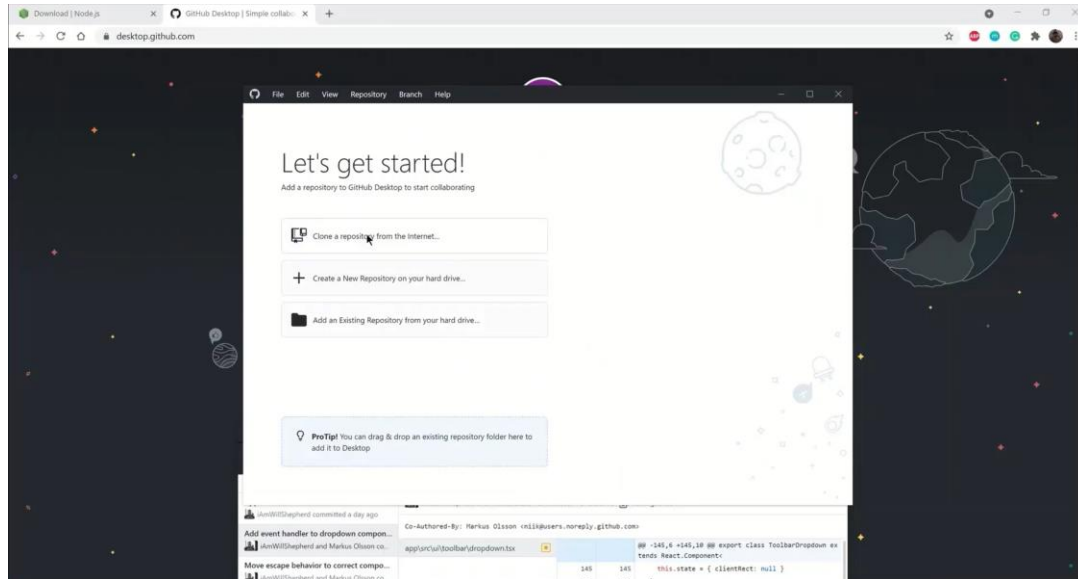
-> Just open the setup file and configure your Git Account



-> Git Hub account will be configured and it will be ready for use

## Step 5: Git Clone repository from GitHub Account

->



-> Enter this url :

[https://github.com/punitMashruwala/GoPeaks\\_UI.git](https://github.com/punitMashruwala/GoPeaks_UI.git)

And also we have clone this as well :

[https://github.com/punitMashruwala/GoPeaks\\_API.git](https://github.com/punitMashruwala/GoPeaks_API.git)

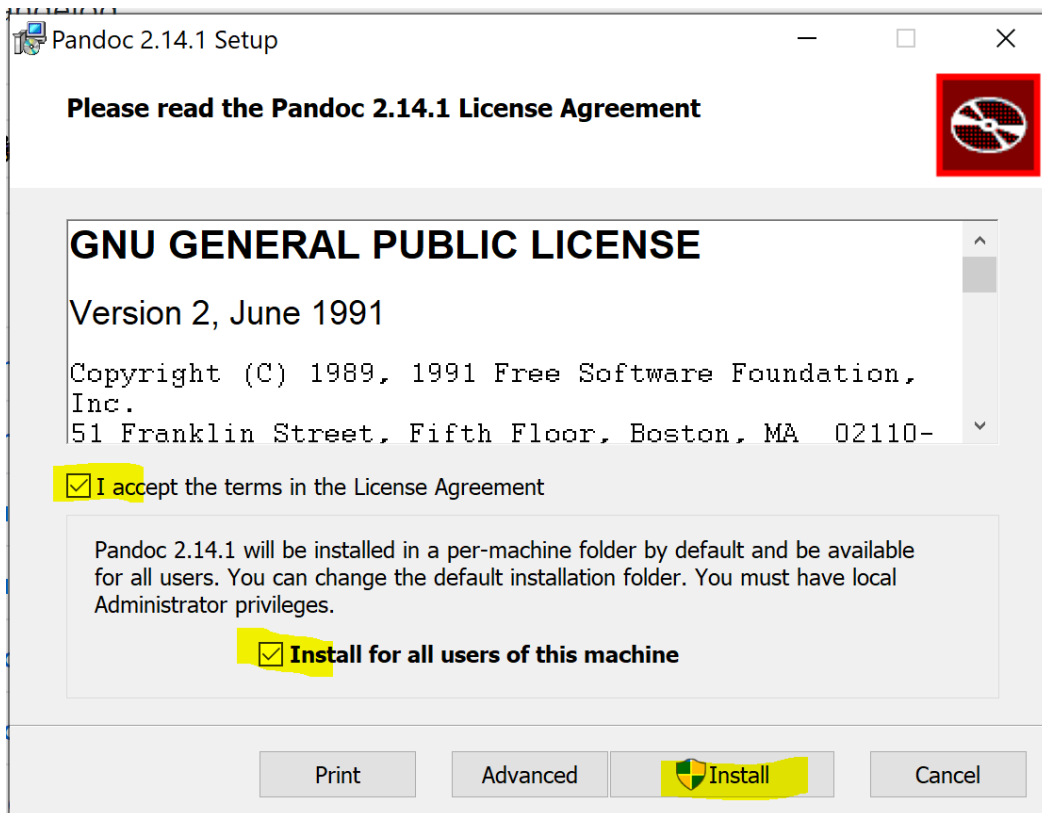
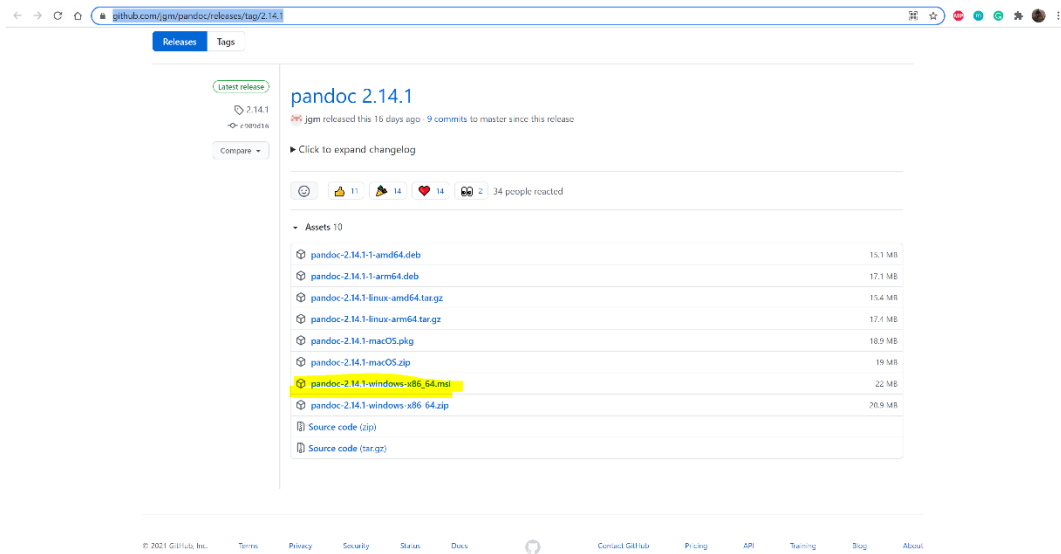
-> Please keep in mind while selecting folder for cloning this repo on your system, please don't have space (" ") in the folder name. This space in folder name can create a issue ahead.



## Step 6: Install PanDoc

-> Go to <https://github.com/jgm/pandoc/releases/tag/2.14.1>, and download according to your system.

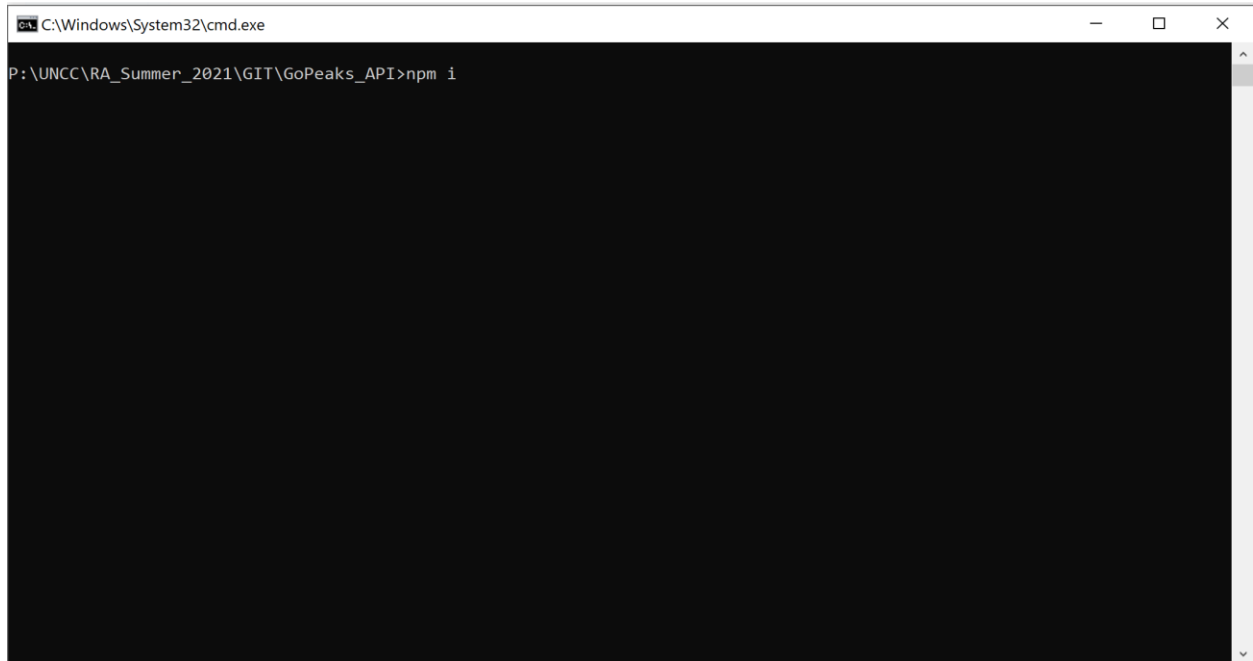
For reference, I am adding for Windows 10:



Step 7: Install Packages on cloned repository:

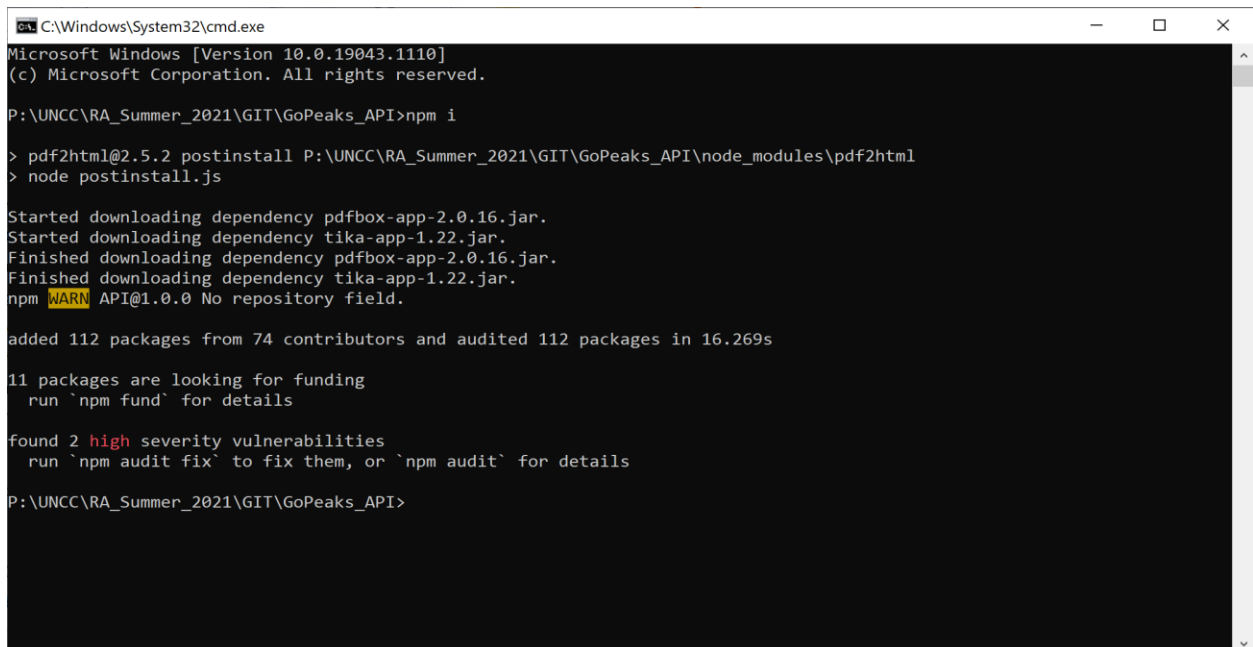
-> In command prompt, **npm i** command needs to be trigger.

For API



```
C:\Windows\System32\cmd.exe
P:\UNCC\RA_Summer_2021\GIT\GoPeaks_API>npm i
```

After installation is completed successfully, it will be like this:



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19043.1110]
(c) Microsoft Corporation. All rights reserved.

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_API>npm i

> pdf2html@2.5.2 postinstall P:\UNCC\RA_Summer_2021\GIT\GoPeaks_API\node_modules\pdf2html
> node postinstall.js

Started downloading dependency pdfbox-app-2.0.16.jar.
Started downloading dependency tika-app-1.22.jar.
Finished downloading dependency pdfbox-app-2.0.16.jar.
Finished downloading dependency tika-app-1.22.jar.
npm WARN API@1.0.0 No repository field.

added 112 packages from 74 contributors and audited 112 packages in 16.269s

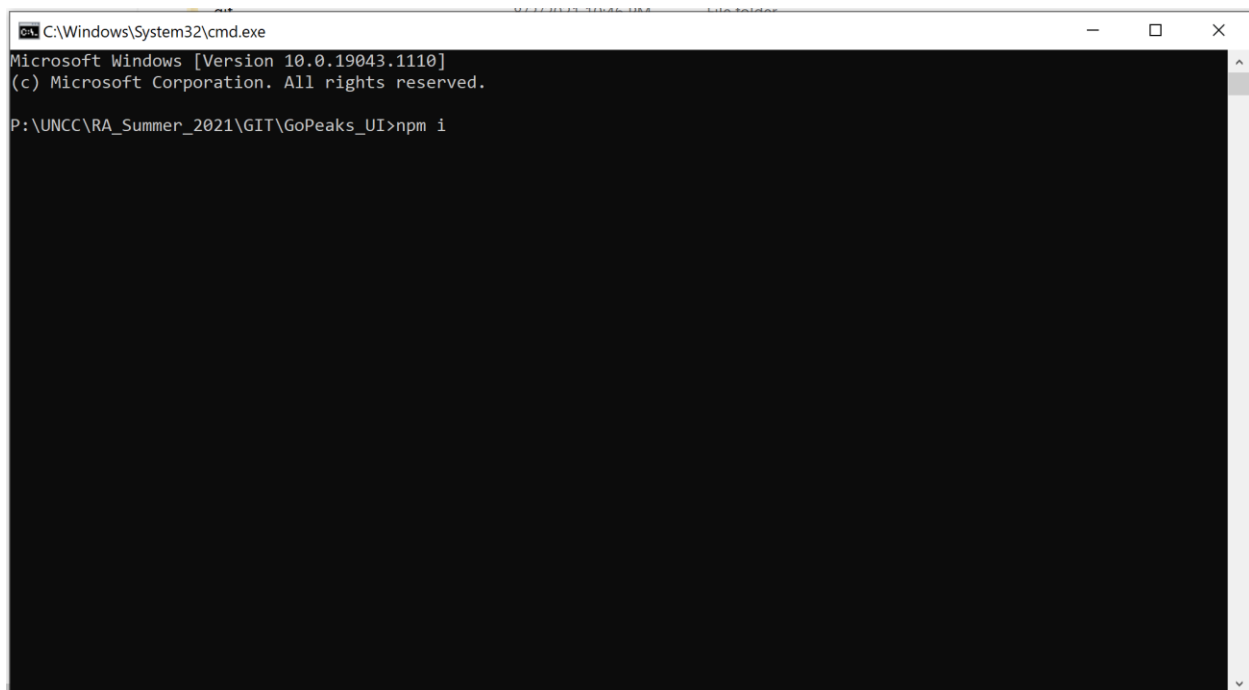
11 packages are looking for funding
  run `npm fund` for details

found 2 high severity vulnerabilities
  run `npm audit fix` to fix them, or `npm audit` for details

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_API>
```

If you did not got the same success msg like in this image, please remove (delete) folder called node\_modules and run **npm i** command again

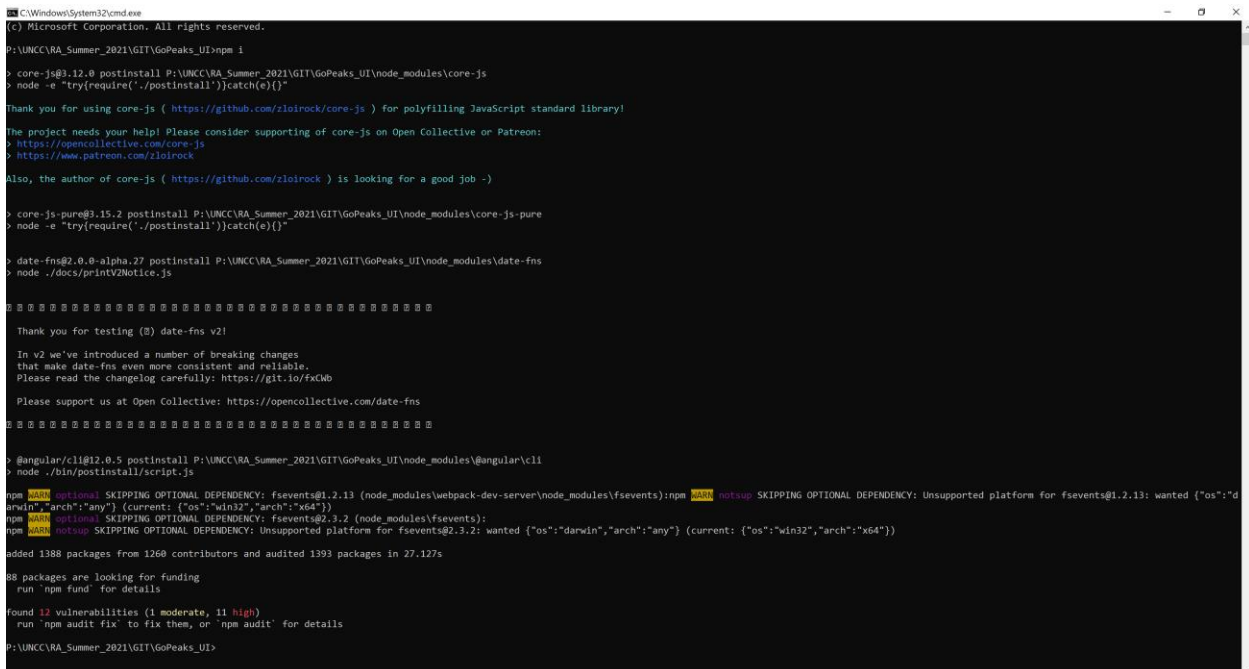
For UI:



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19043.1110]
(c) Microsoft Corporation. All rights reserved.

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI>npm i
```

After installation is completed successfully, it will be like this:



```
C:\Windows\System32\cmd.exe
(c) Microsoft Corporation. All rights reserved.

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI>npm i

> core-js@3.12.0 postinstall P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI\node_modules\core-js
> node -e "try{require('./postinstall')}catch(e){}"

Thank you for using core-js ( https://github.com/zloirock/core-js ) for polyfilling JavaScript standard library!

The project needs your help! Please consider supporting of core-js on Open Collective or Patreon:
> https://opencollective.com/core-js
> https://www.patreon.com/zloirock

Also, the author of core-js ( https://github.com/zloirock ) is looking for a good job :-)
```

```
> core-js-pure@3.15.2 postinstall P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI\node_modules\core-js-pure
> node -e "try{require('./postinstall')}catch(e){}"

> date-fns@2.0.0-alpha.27 postinstall P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI\node_modules\date-fns
> node ./docs/printV2Notice.js

#####

Thank you for testing (B) date-fns v2!

In v2 we've introduced a number of breaking changes
that make date-fns even more consistent and reliable.
Please read the changelog carefully: https://git.io/fxCmb

Please support us at Open Collective: https://opencollective.com/date-fns

#####

> @angular/cli@12.0.5 postinstall P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI\node_modules\angular\cli
> node ./bin/postinstall/script.js

npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents):npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 1388 packages from 1260 contributors and audited 1393 packages in 27.127s

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

found 12 vulnerabilities (1 moderate, 11 high)
  run `npm audit fix` to fix them, or `npm audit` for details

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI>
```

If you did not got the same success msg like in this image, please remove (delete) folder called node\_modules and run **npm i** command again

Step 8:

UI and API are Ready to run

-> In UI command Prompt enter **ng serve**

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19043.1110]
(c) Microsoft Corporation. All rights reserved.

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI>ng serve
```

Once it is started successfully, it will be like this:

```
ngcc (worker)
Compiling @angular/cdk/collections : es2015 as esm2015
Compiling @angular/cdk/platform : es2015 as esm2015
Compiling @angular/cdk/ridi : es2015 as esm2015
Compiling @angular/platform-browser : es2015 as esm2015
Compiling @angular/cdk/ally : es2015 as esm2015
Compiling @angular/forms : es2015 as esm2015
Compiling @angular/cdk/scrolling : es2015 as esm2015
Compiling @angular/platform-browser/animations : es2015 as esm2015
Compiling @angular/cdk/portal : es2015 as esm2015
Compiling @angular/cdk/layout : es2015 as esm2015
Compiling @angular/platform-browser-dynamic : es2015 as esm2015
Compiling @angular/material/core : es2015 as esm2015
Compiling @angular/router : es2015 as esm2015
Compiling @angular/cdk/overlay : es2015 as esm2015
Compiling @angular/cdk/table : es2015 as esm2015
Compiling @angular/material/form-field : es2015 as esm2015
Compiling @angular/material/button : es2015 as esm2015
Compiling @angular/material/tooltip : es2015 as esm2015
Compiling @angular/material/sort : es2015 as esm2015
Compiling @angular/material/select : es2015 as esm2015
Compiling @angular/material/sidenav : es2015 as esm2015
Compiling @angular/common/http : es2015 as esm2015
Compiling @angular/material/paginator : es2015 as esm2015
Compiling @angular/material/table : es2015 as esm2015
✓ Browser application bundle generation complete.

Initial Chunk Files | Names | Size
vendor.js | vendor | 4.04 MB
polyfills.js | polyfills | 388.83 KB
styles.css, styles.js | styles | 381.02 KB
main.js | main | 154.24 KB
runtime.js | runtime | 6.59 KB
| Initial Total | 5.07 MB

Build at: 2021-08-05T17:55:38.912Z - Hash: 06fa7d367585f23fd8c9 - Time: 25207ms

Warning: P:\UNCC\RA_Summer_2021\GIT\GoPeaks_UI\src\app\annotate\annotate.component.ts depends on 'html-docx-js-typescript'. CommonJS or AMD dependencies can cause optimization bailouts.
For more info see: https://angular.io/guide/build#configuring-commonjs-dependencies

** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

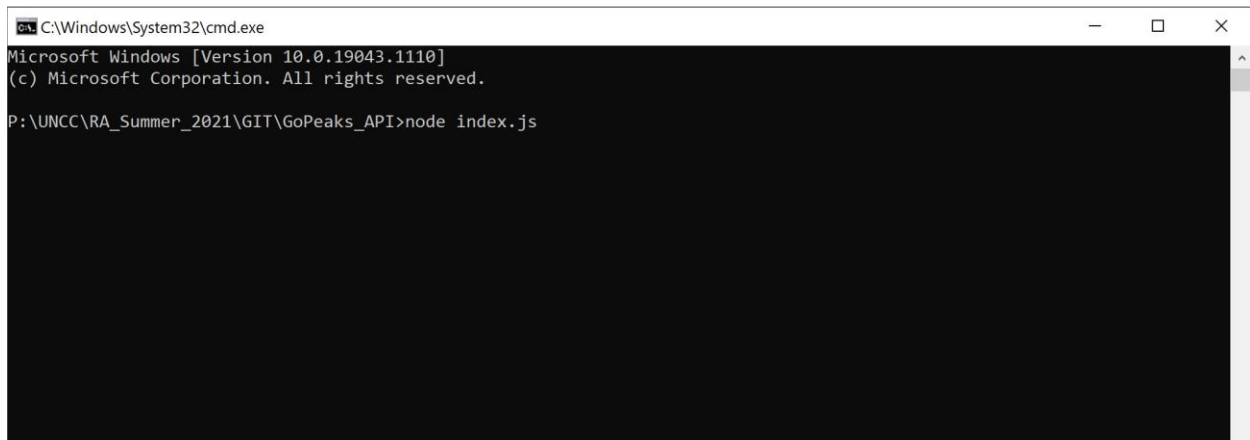
✓ Compiled successfully.
✓ Browser application bundle generation complete.

5 unchanged chunks

Build at: 2021-08-05T17:55:40.930Z - Hash: 13c03ebcef5c5cb0f400 - Time: 1393ms

✓ Compiled successfully.
```

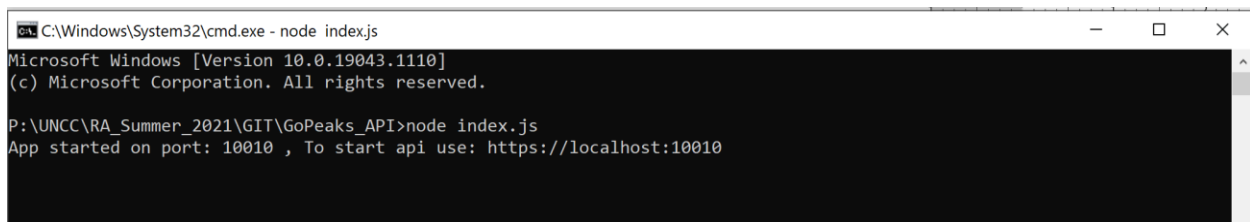
-> In API command Prompt enter node **index.js**



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19043.1110]
(c) Microsoft Corporation. All rights reserved.

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_API>node index.js
```

Once it is started successfully, it will be like this:



```
C:\Windows\System32\cmd.exe - node index.js
Microsoft Windows [Version 10.0.19043.1110]
(c) Microsoft Corporation. All rights reserved.

P:\UNCC\RA_Summer_2021\GIT\GoPeaks_API>node index.js
App started on port: 10010 , To start api use: https://localhost:10010
```

Step 8:

In Browser open this url:

<http://localhost:4200/upload>

The screenshot shows a web browser window with the URL `localhost:4200/upload`. The page has a blue header with the "GoPeaks" logo and the text "Home". Below the header, there is a section titled "GoPeaks Annotate Word File - For Data NLP!".

On the left, under the heading "Which list of Trigger words for Annotate do you want to be used in this file?", there are two buttons: "Default List" and "Replace list with your own". Below these buttons is a "Default list" section containing three columns of trigger words:

Trigger Words	Trigger Words	Trigger Words
because of	given that	consequently
as a result	cause	therefore
thus	led to	thus
hence	leads to	accordingly
so	leading to	as a consequence
as	contribute to	due to
provided that	contributed to	owing to
in order to	contributing to	result from

In the center, there is a "Stop Word List" section. It includes a text input field, an "Add" button, and a "Stopped Words" button. Below the input field, there is a note: "\* You can add multiple words using ' , ' (comma)".

On the right, there is a section titled "Upload the file which needs to be Annotated". It features a "Choose File" button, a "No file chosen" message, and a note: "\* The software now only accepts pdf and word docx". Below this, there is a "User-name:" label and a text input field, with a note: "This name will be added as the document name".

At the bottom of the right section, there is a note: "\* Please select any one option", followed by two radio buttons: "Download word docx" and "Display only annotated sentences to annotate it further". A green "Upload" button is located at the bottom of this section.

At the very bottom of the page, there is a small footer with the text: "All Rights Reserved © 2021. Initiative is an end-to-end research initiative to advance and commercialize scientific and technological breakthroughs across disciplines into reasonable business decision solutions. It is funded through a hybrid model of research grants, gifts, and entrepreneurship and commercialization efforts. [Global Tech Launch](#)".