

## 1. Install NodeJS

Check if node is installed on your machine or not through cmd  
Check node and npm version

Command Prompt

```
C:\nvm>nvm list

* 8.11.3 (Currently using 64-bit executable)

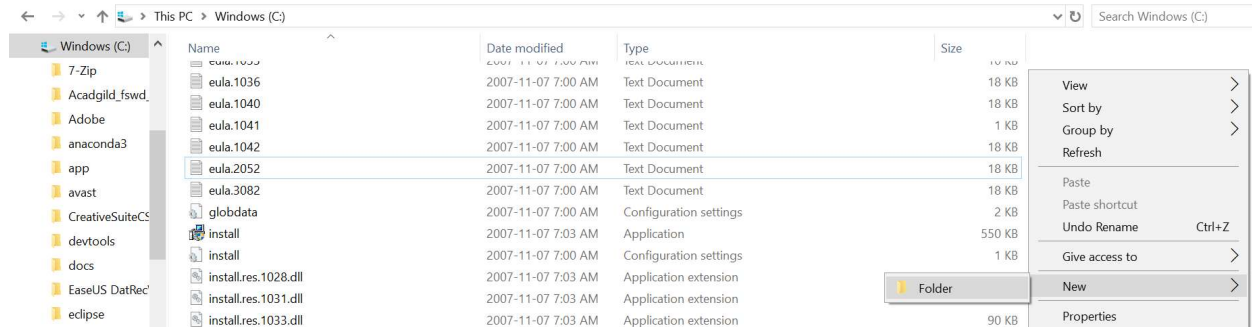
C:\nvm>node --version
v8.11.3

C:\nvm>npm --version
5.6.0

C:\nvm>_
```

## 2. Install the IDE Visual studio code

Create a new folder in vs code editor



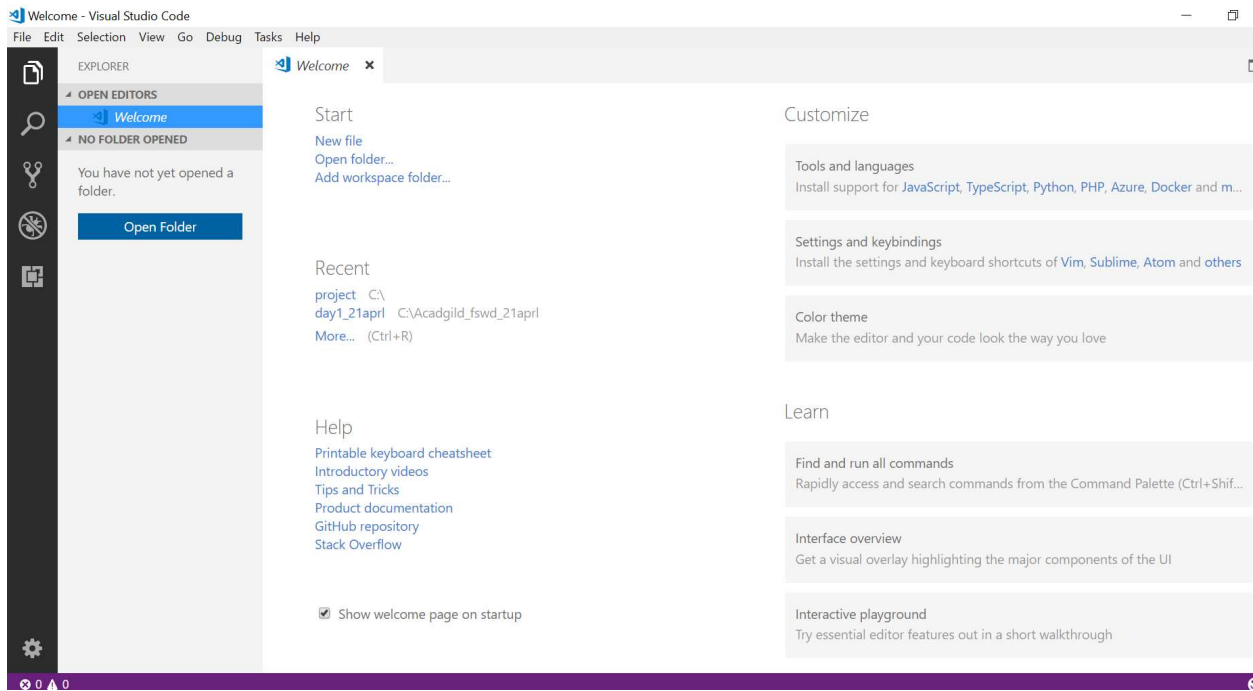
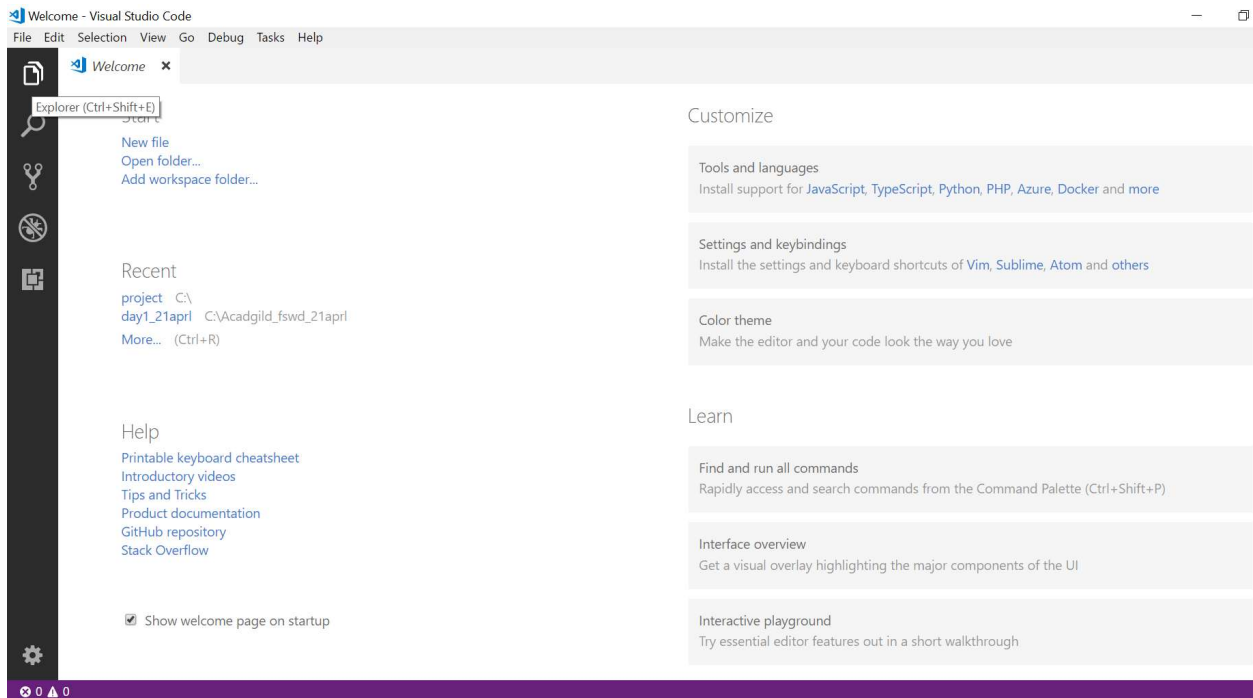
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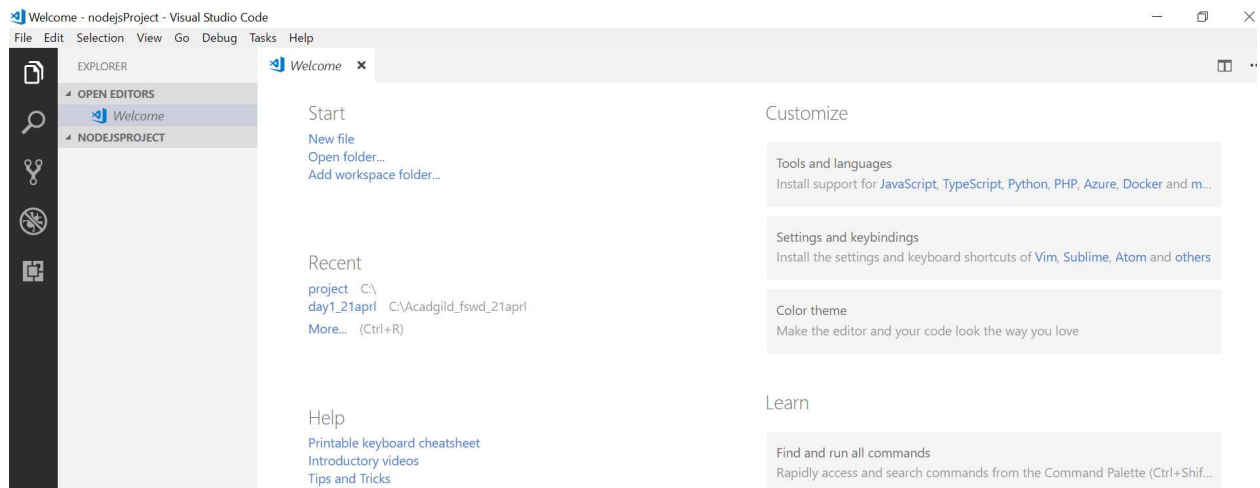
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Acadgild_fswd	eula.1040	2007-11-07 7:00 AM	Text Document	18 KB
Adobe	eula.1041	2007-11-07 7:00 AM	Text Document	1 KB
anaconda3	eula.1042	2007-11-07 7:00 AM	Text Document	18 KB
app	eula.2052	2007-11-07 7:00 AM	Text Document	18 KB
avast	eula.3082	2007-11-07 7:00 AM	Text Document	18 KB
CreativeSuiteCS	globdata	2007-11-07 7:00 AM	Configuration settings	2 KB
devtools	install	2007-11-07 7:03 AM	Application	550 KB
docs	install	2007-11-07 7:00 AM	Configuration settings	1 KB
EaseUS DataRecovery	install.res.1028.dll	2007-11-07 7:03 AM	Application extension	75 KB
eclipse	install.res.1031.dll	2007-11-07 7:03 AM	Application extension	95 KB
edx	install.res.1033.dll	2007-11-07 7:03 AM	Application extension	90 KB
filezilla	install.res.1036.dll	2007-11-07 7:03 AM	Application extension	96 KB
Git	install.res.1040.dll	2007-11-07 7:03 AM	Application extension	94 KB
Git_Repos	install.res.1041.dll	2007-11-07 7:03 AM	Application extension	80 KB
GitRepos	install.res.1042.dll	2007-11-07 7:03 AM	Application extension	79 KB
Google	install.res.2052.dll	2007-11-07 7:03 AM	Application extension	75 KB
inetpub	install.res.3082.dll	2007-11-07 7:03 AM	Application extension	95 KB
Intel	VC_RED	2007-11-07 7:09 AM	Cabinet File	1,409 KB
	VC_RED	2007-11-07 7:12 AM	Windows Installer Package	228 KB
	vcredist	2007-11-07 7:00 AM	BMP File	6 KB
	New folder	2018-06-21 7:59 AM	File folder	

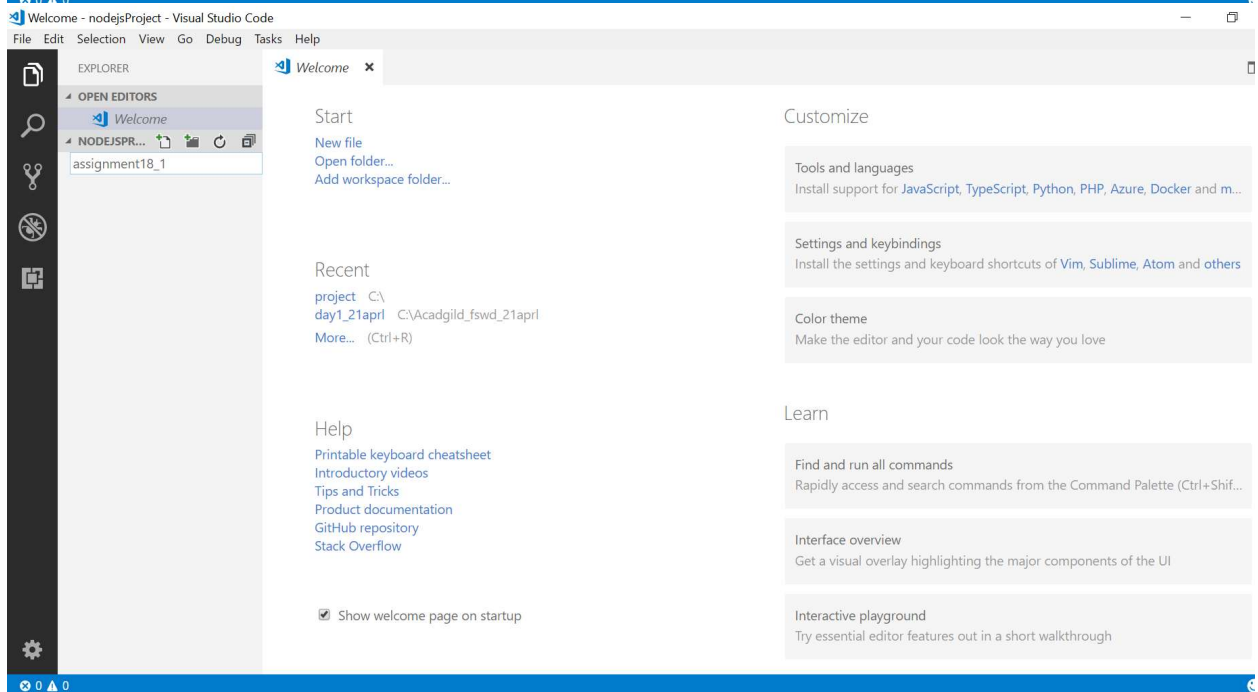
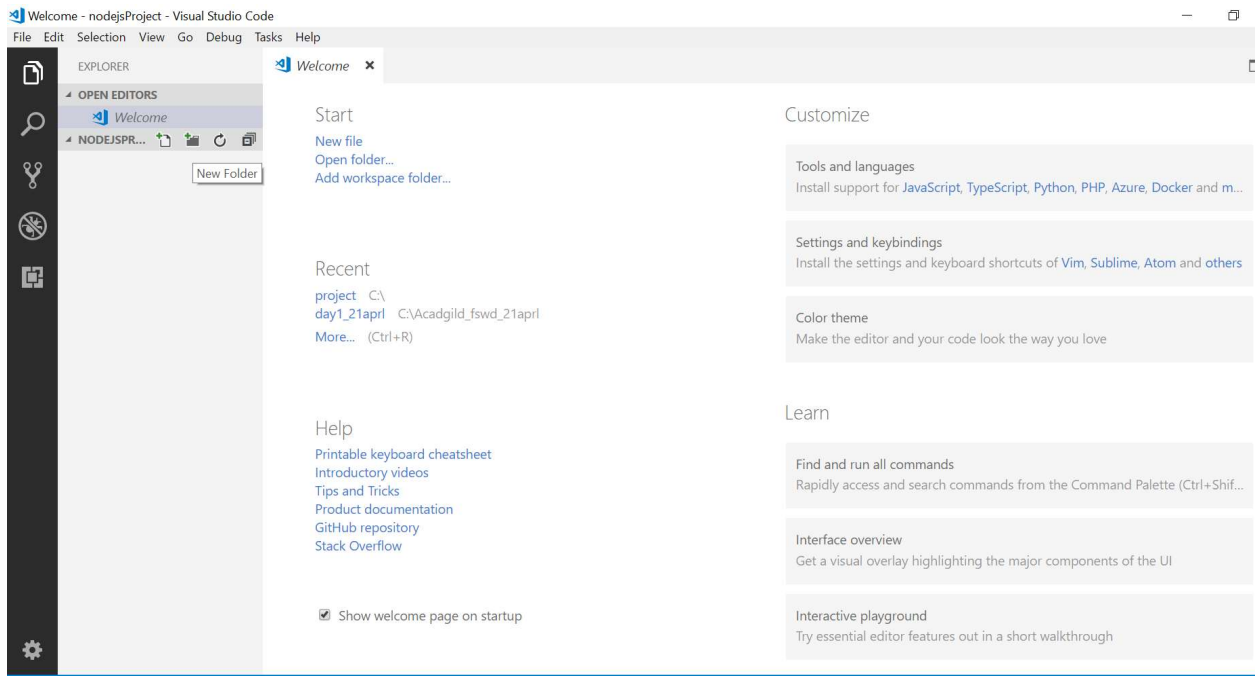
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Intel	VC_RED	2007-11-07 7:09 AM	Cabinet File	1,409 KB
	VC_RED	2007-11-07 7:12 AM	Windows Installer Package	228 KB
	vcredist	2007-11-07 7:00 AM	BMP File	6 KB
	nodejsProject	2018-06-21 8:21 AM	File folder	

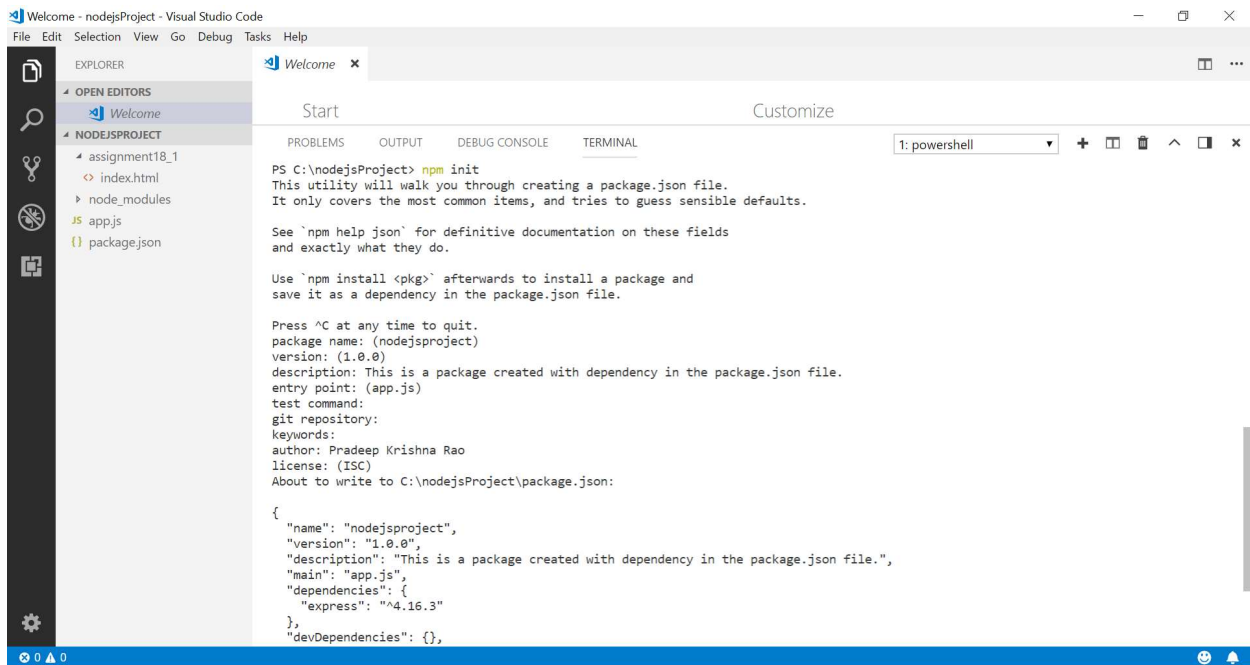
Date created: 2018-06-21 8:21 AM  
Empty folder







## Create a package.json file using node command



```
PS C:\nodejsProject> npm init
```

This utility will walk you through creating a package.json file.

It only covers the most common items, and tries to guess sensible defaults.

See `npm help json` for definitive documentation on these fields and exactly what they do.

Use `npm install <pkg>` afterwards to install a package and save it as a dependency in the package.json file.

Press ^C at any time to quit.

package name: (nodejsProject)

version: (1.0.0)

description: This is a package created with dependency in the package.json file.

entry point: (app.js)

test command:

git repository:

keywords:

author: Pradeep Krishna Rao

license: (ISC)

About to write to C:\nodejsProject\package.json:

```
{
  "name": "nodejsProject",
  "version": "1.0.0",
```

```
"description": "This is a package created with dependency in the package.json file.",
"main": "app.js",
"dependencies": {
  "express": "^4.16.3"
},
"scripts": {
  "start": "node app.js"
},
"author": "Pradeep Krishna Rao",
"license": "ISC"
}
```

Is this ok? (yes) y

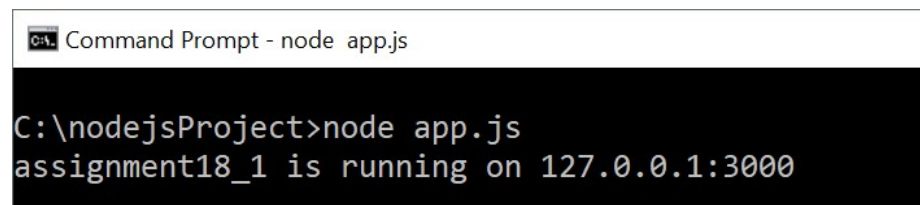
PS C:\nodejsProject> dir

Directory: C:\nodejsProject

Mode	LastWriteTime	Length	Name
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-a----	2018-06-21 9:18 AM	296	package.json

PS C:\nodejsProject>

Run the project and navigate to the <http://localhost:3000>



```
C:\> Command Prompt - node app.js
C:\nodejsProject>node app.js
assignment18_1 is running on 127.0.0.1:3000
```



← → ↻ ⓘ 127.0.0.1:3000

assignment18\_1 is running on 127.0.0.1:3000