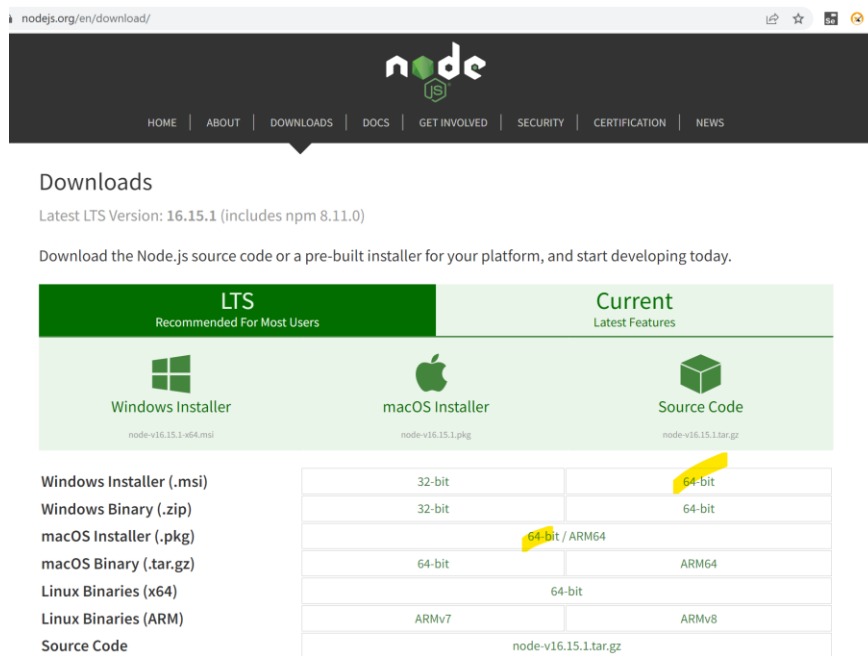


How to create dummy API's

1) Install NodeJS

Download link: <https://nodejs.org/en/download/>



The screenshot shows the Node.js download page. At the top, there's a navigation bar with links: HOME, ABOUT, DOWNLOADS, DOCS, GET INVOLVED, SECURITY, CERTIFICATION, and NEWS. Below this, the 'Downloads' section is highlighted. It states 'Latest LTS Version: 16.15.1 (includes npm 8.11.0)' and 'Download the Node.js source code or a pre-built installer for your platform, and start developing today.'

There are two main tabs: 'LTS Recommended For Most Users' and 'Current Latest Features'. Under the 'LTS' tab, there are three options: 'Windows Installer' (node-v16.15.1-x64.msi), 'macOS Installer' (node-v16.15.1.pkg), and 'Source Code' (node-v16.15.1.tar.gz).

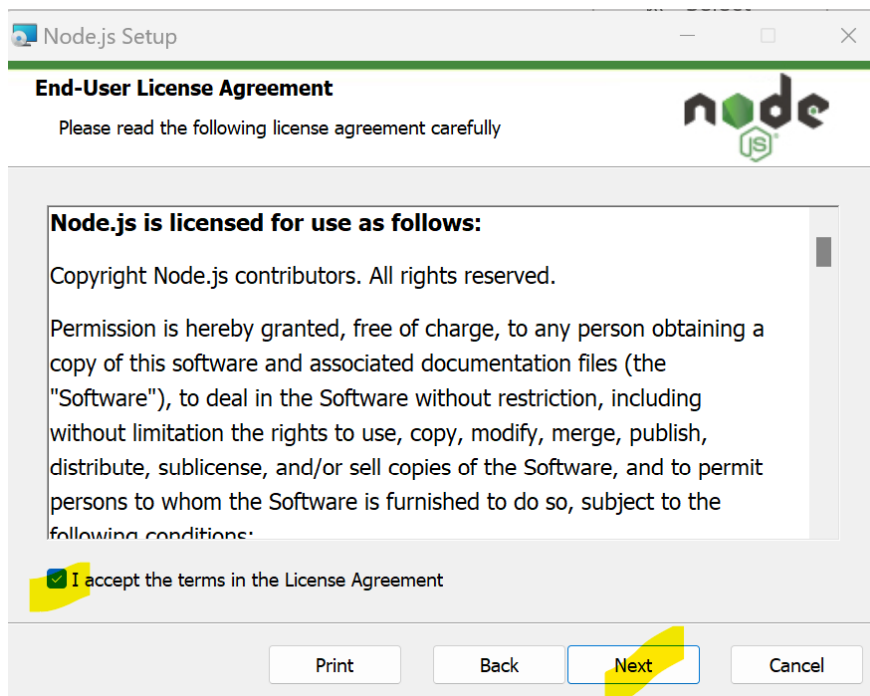
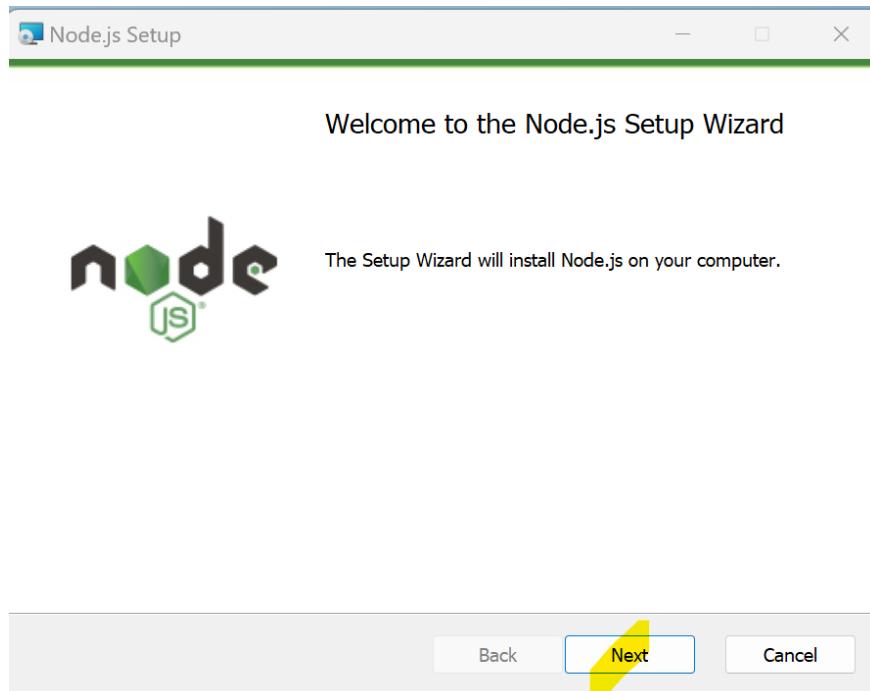
Below these, there's a table of download links for various architectures. The '64-bit' and '64-bit / ARM64' links are highlighted with yellow boxes.

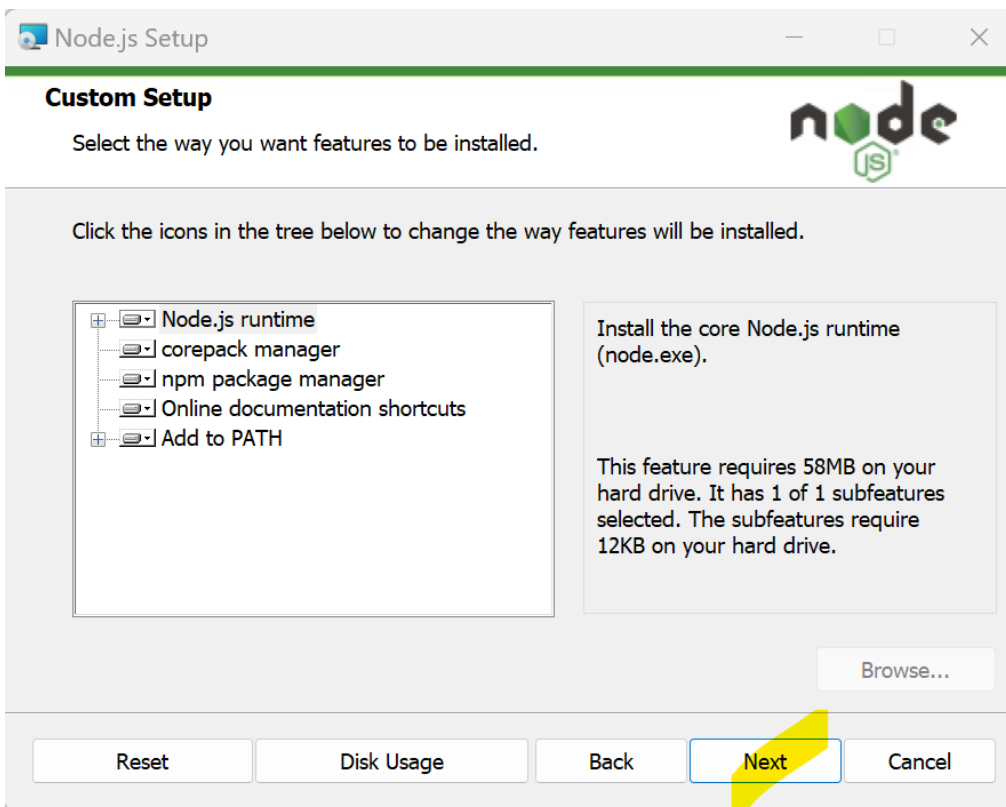
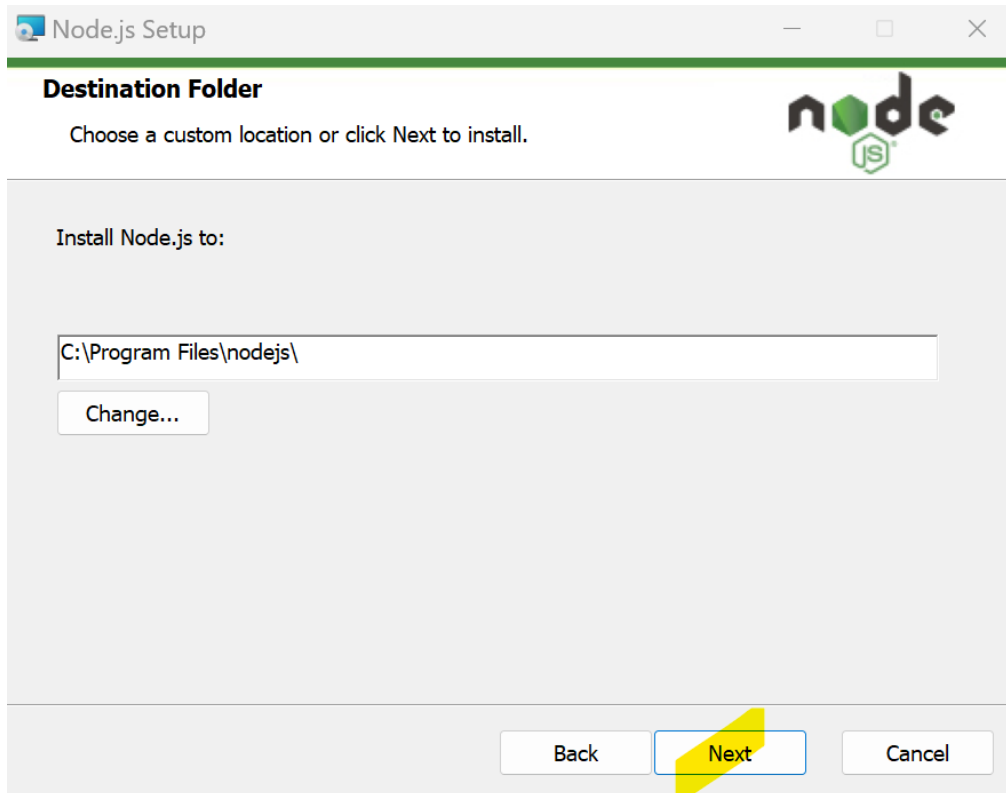
Architecture	Download Link
32-bit	node-v16.15.1-x86.msi
64-bit	node-v16.15.1-x64.msi
64-bit / ARM64	node-v16.15.1-arm64.msi
64-bit	node-v16.15.1-x64.msi
ARMv7	node-v16.15.1-armv7.tar.gz
ARMv8	node-v16.15.1-armv8.tar.gz
node-v16.15.1.tar.gz	

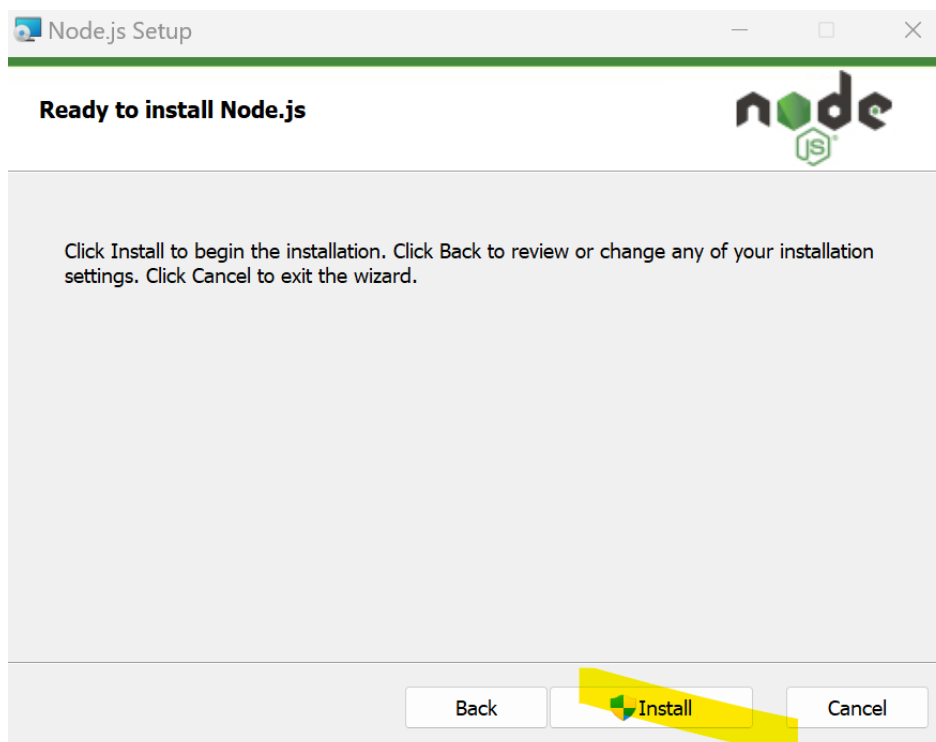
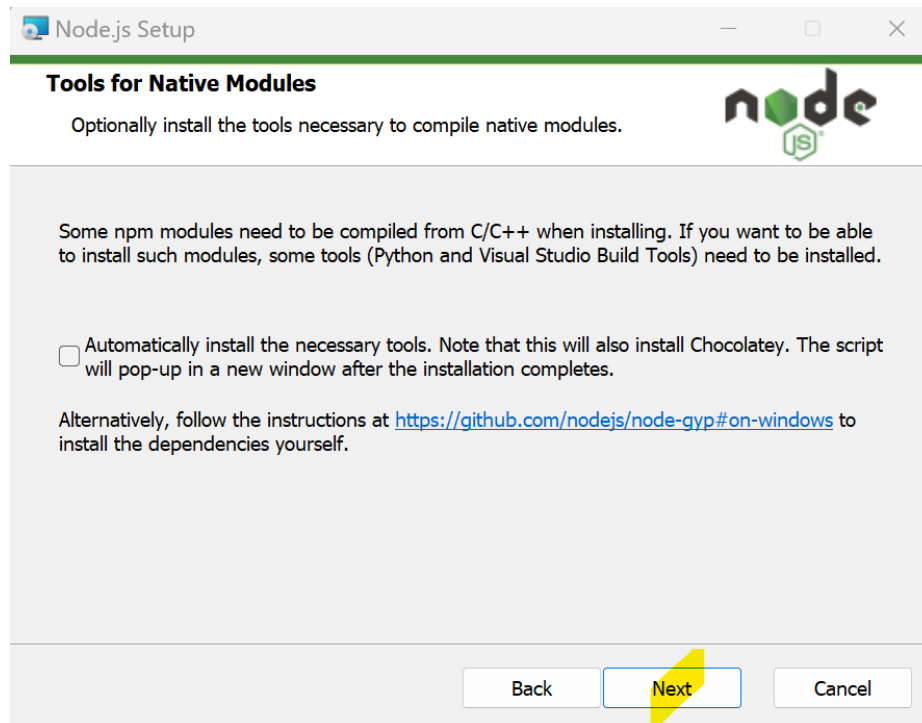
Windows Installer (.msi)
Windows Binary (.zip)
macOS Installer (.pkg)
macOS Binary (.tar.gz)
Linux Binaries (x64)
Linux Binaries (ARM)
Source Code

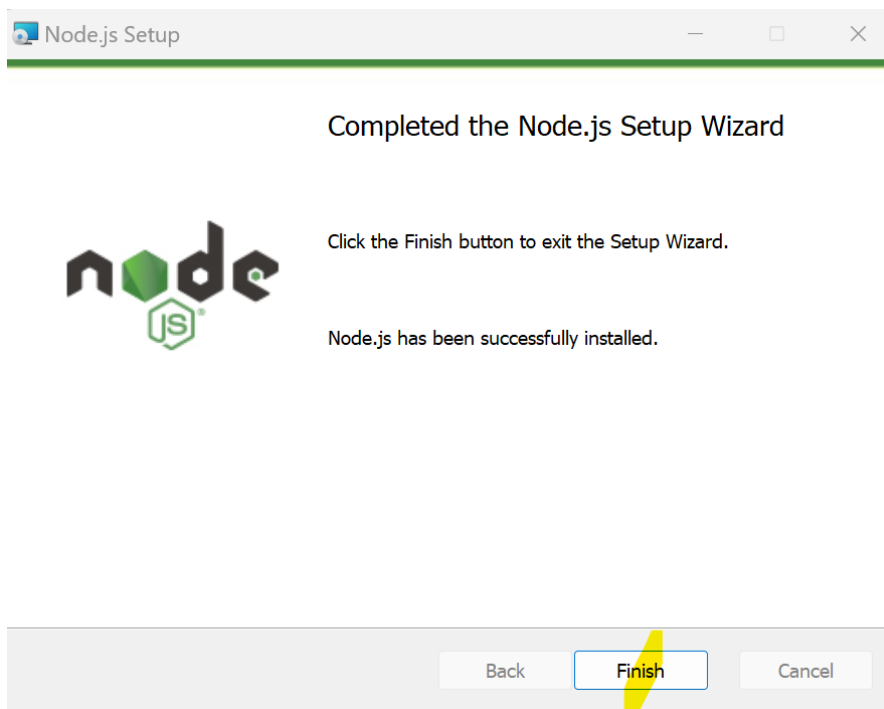
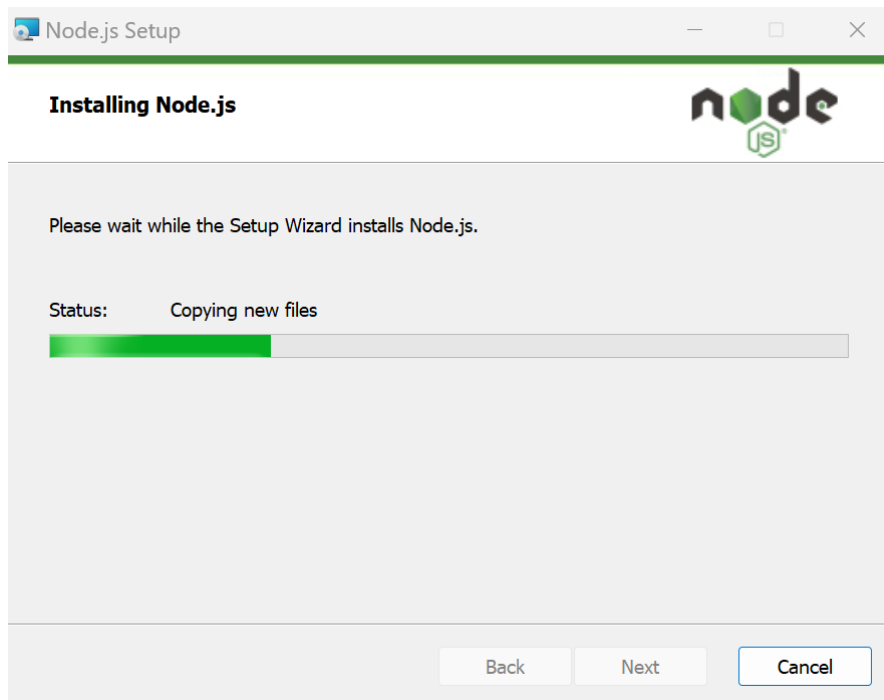


node-v16.15.1-x64.msi

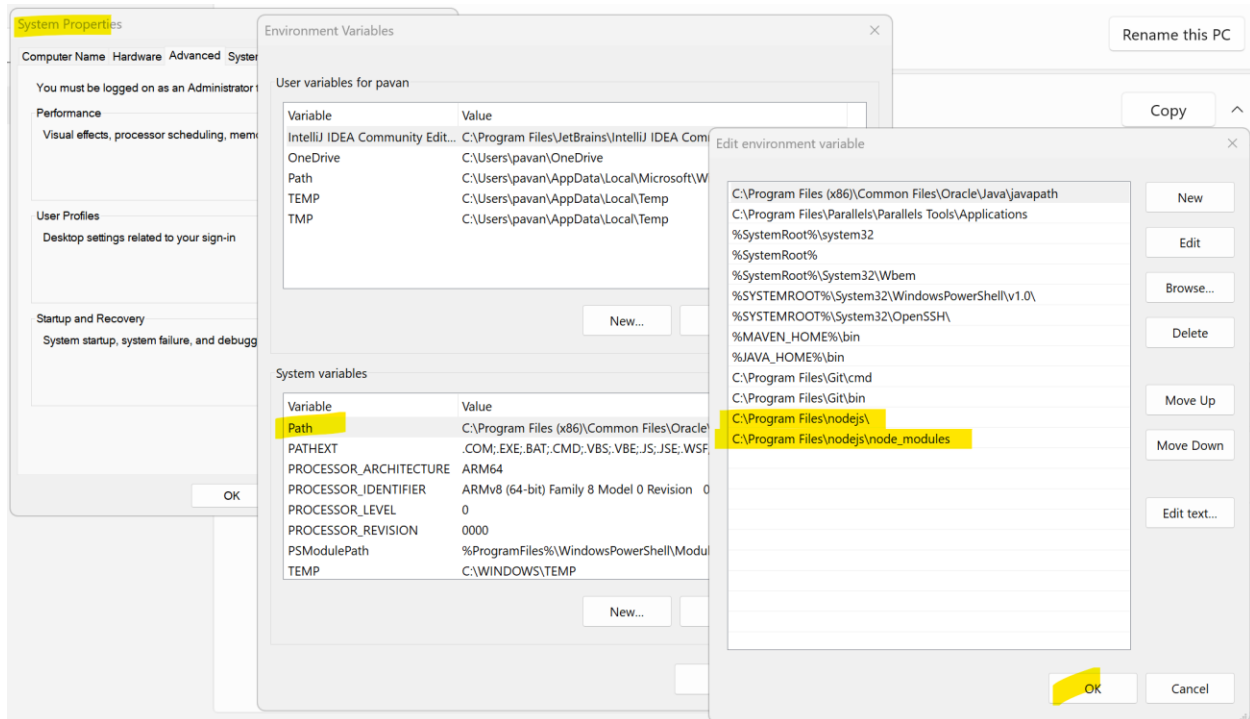








Set Environment variable:



2) Check node & npm versions (npm comes along with node.js)

```
C:\Users\pavan>node --version
v16.15.1

C:\Users\pavan>npm --version
npm WARN config global `--global`,
8.11.0
```

3) install json-server

npm install -g json-server

```
Command Prompt

C:\Users\pavan>npm install -g json-server
```

```
Command Prompt

C:\Users\pavan>npm install -g json-server
npm WARN config global `--global`, `--local` are deprecated. Use `--location=global` instead.
npm WARN config global `--global`, `--local` are deprecated. Use `--location=global` instead.

added 182 packages, and audited 183 packages in 11s

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

4 moderate severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
npm notice
npm notice New minor version of npm available! 8.11.0 -> 8.13.2
npm notice Changelog: https://github.com/npm/cli/releases/tag/v8.13.2
npm notice Run npm install -g npm@8.13.2 to update!
npm notice
```

Ignore this

4) create students.json file with the following data

```
{
  "students": [
    {
      "id": 1,
      "name": "John",
      "location": "india",
      "phone": "1234567890",
      "courses": [
```

```
        "Java",
        "Selenium"
    ]
},
{
    "id": 2,
    "name": "Kim",
    "location": "US",
    "phone": "98876543213",
    "courses": [
        "Python",
        "Appium"
    ]
},
{
    "id": 3,
    "name": "Smith",
    "location": "Canada",
    "phone": "165498765",
    "courses": [
        "C#",
        "RestAPI"
    ]
}
]
}
```


5) Run the below command to make your API's up and running.

`json-server --watch students.json`

```
C:\WINDOWS\system32\cmd.exe - "node" C:\Users\pavan\AppData\Roaming\npm\node_modules\json-server\lib\cli\bin.js" students.json
Microsoft Windows [Version 10.0.25151.1010]
(c) Microsoft Corporation. All rights reserved.

C:\AutomationPractice\jsonfiles>json-server students.json

\{^_^}/ hi!

Loading students.json
Done

Resources
http://localhost:3000/students

Home
http://localhost:3000
```

<http://localhost:3000/students>