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Q.3) List the steps for Installation of NodeJS and VS code.

Ans → 1) STEPS for Installing NodeJS →

a) Download the Node.js msi installer according to your system requirements. i.e. [For Windows 32 bit or 64 bit].

b) Run the Nodejs installer

- Welcome to the Node.js setup wizard.

- Select Next

- End-user License Agreement (EULA)

- [Accept the Agreement & proceed]

- Select The Destination folder to install Node.js.

- Click Next

- Ready to install Node.js

- Select Install

- Note:- This step requires Administrator privileges. If prompted, authenticate as an Admin for installing Nodejs. Let the installer run to completion.

- After the Nodejs Setup wizard is completed, Click finish.

c) Verify that Node.js was properly installed

- To check that NodeJS was installed on your PC, you can test the following command in your Command prompt.

- You can use cmd.exe, Powershell, or any other command prompt.

- Type "node -v" & press Enter

If node.js was installed fully, the cmd will print something like this. The command we ran prints out the version of Node.js that's currently installed.

v14.15.4 || The printed version of node.js that's currently installed i.e.

- v14.15.4.

d) Update the Local NPM version

- As the final step in getting Node.js installed, we'll update your version of npm - the node package manager that comes bundled with Node.js.

- Node.js always ships with a specific version of npm - Node.js doesn't automatically update npm.

- The release cycle of the NPM cli client isn't in sync with the node.js releases. Because of this, there's almost certainly going to be a newer version of npm available than one that is installed as a default in any given Node release.

- To quickly & easily update npm, you can run the following command:-
"npm install npm --global" & this will update the npm CLI client.

e) Go build applications, API's, tools & more with Node.js

- After complete installation window power shell is opened which will

download all necessary packages. It takes time for its installation.

2) STEPS for Installing VS Code →

Visual Studio code is a lightweight but powerful code editor which runs on your desktop & is available for Windows, Linux & macOS. It comes with builtin support for Javascript, Typescript & NodeJS & has a rich ecosystem of extensions for other languages (such as C, C++, C#, Java, Python, PHP, Go) & runtimes such as .NET, Unity, etc.

The steps for installing VS Code are →

- 1) Visit & Click <https://code.visualstudio.com/>
- 2) Click on downloads for Windows.
- 3) Run VSCodeUserSetup.exe file
- 4) Select Next
- 5) Destination folder is already selected and click on Next.
- 6) Select Start Menu Folder and click Next.
- 7) select Additional Tasks.
- 8) Select all checkboxes & click Next.
- 9) Click Install
- 10) Click on Finish.

Hence, user can open VS code & use it. Therefore this was all about installation of NodeJS & VS Code.