

Step 1: Install NodeJS


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

Download Node.js®

Download Node.js the way you want.

Package Manager **Prebuilt Installer** Prebuilt Binaries Source Code

I want the **v22.12.0 (LTS)** version of Node.js for **Windows** running **x64**

 **Download Node.js v22.12.0**

Node.js includes npm (10.9.0) ↗.

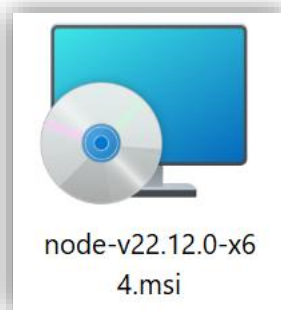
Read the [changelog](#) ↗ for this version.

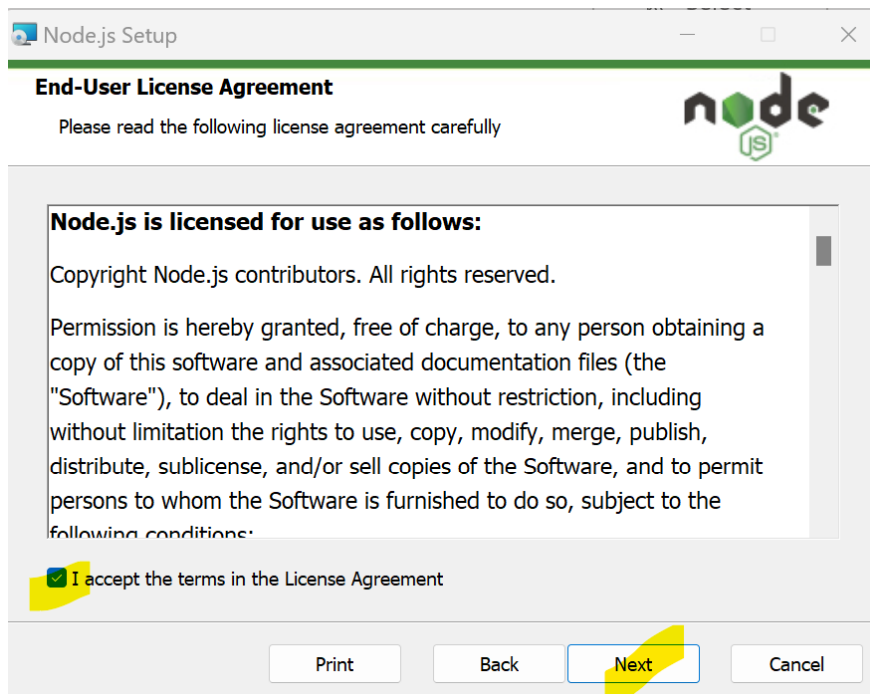
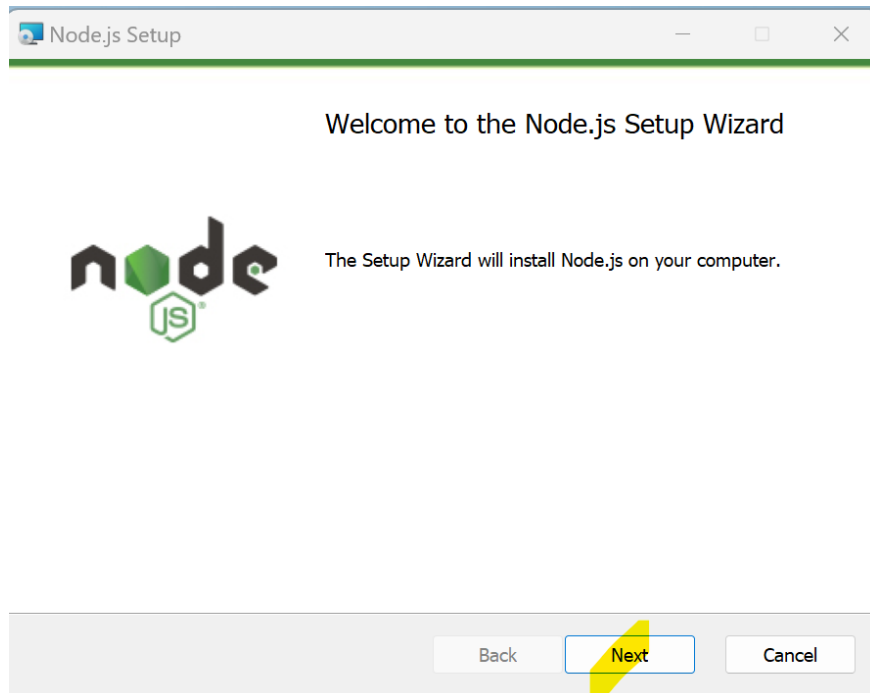
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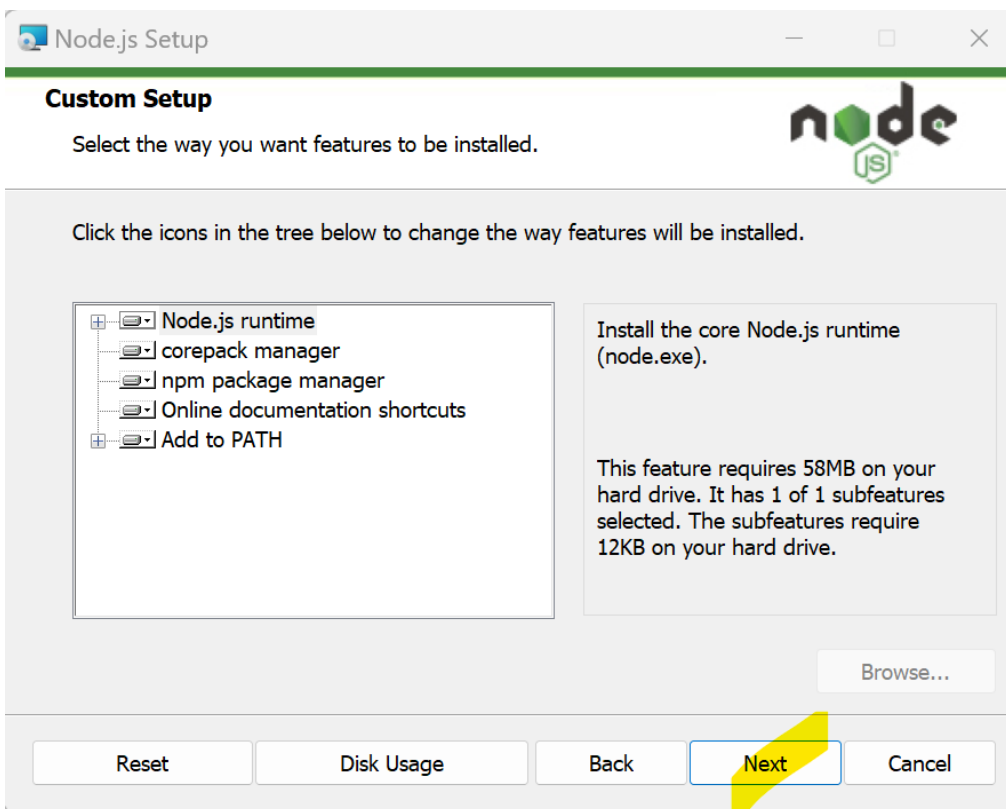
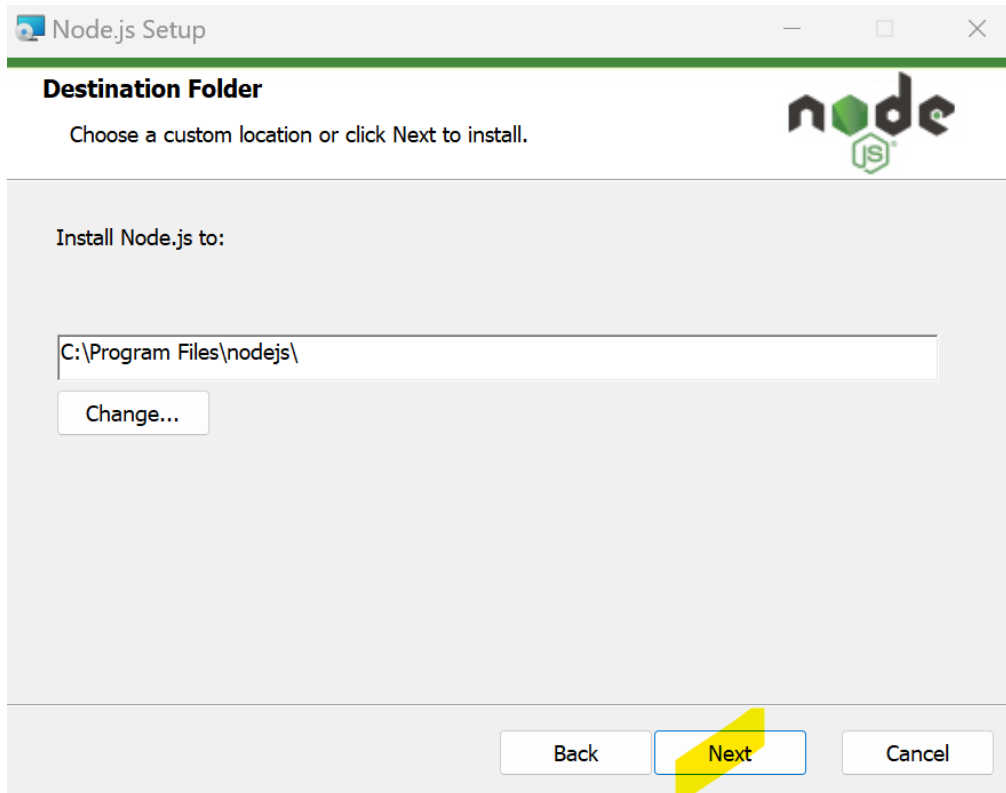
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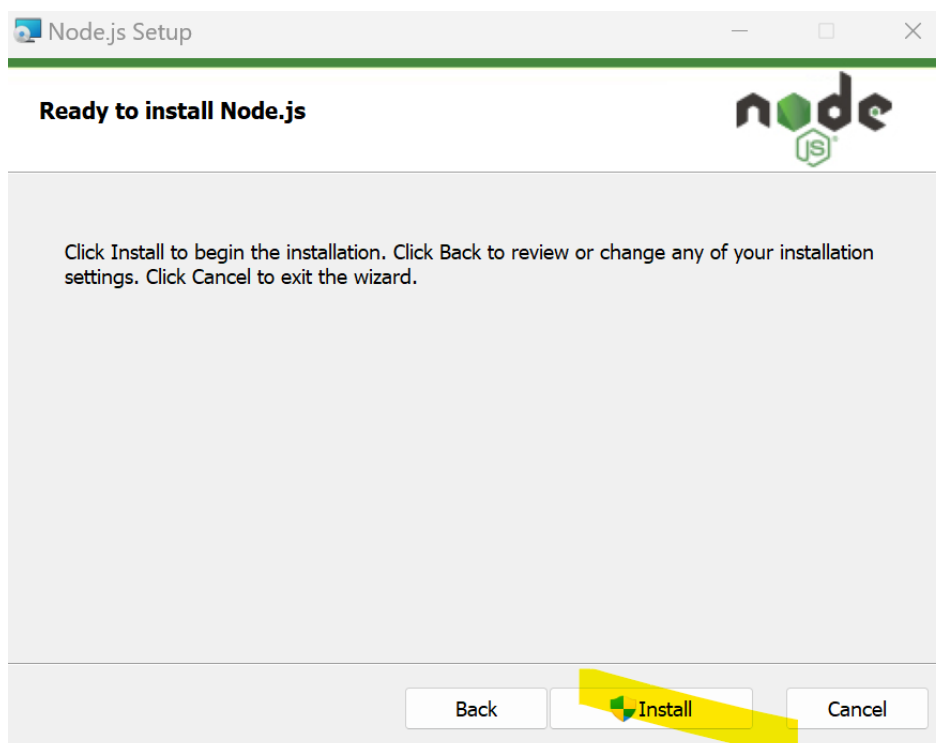
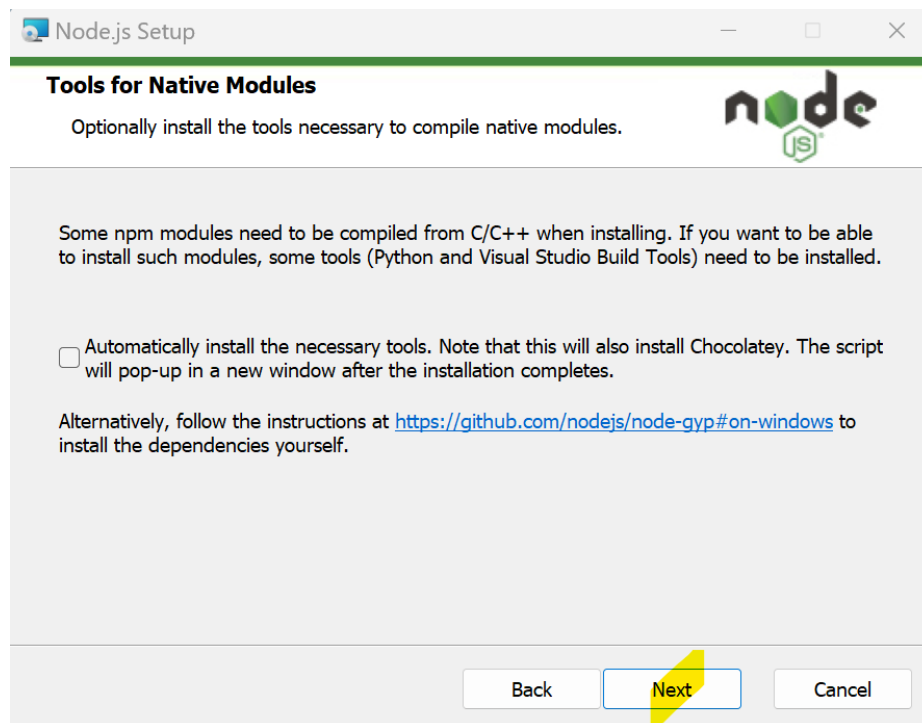
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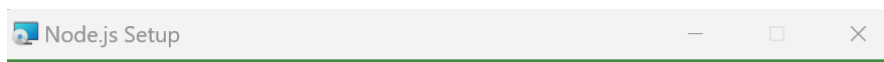
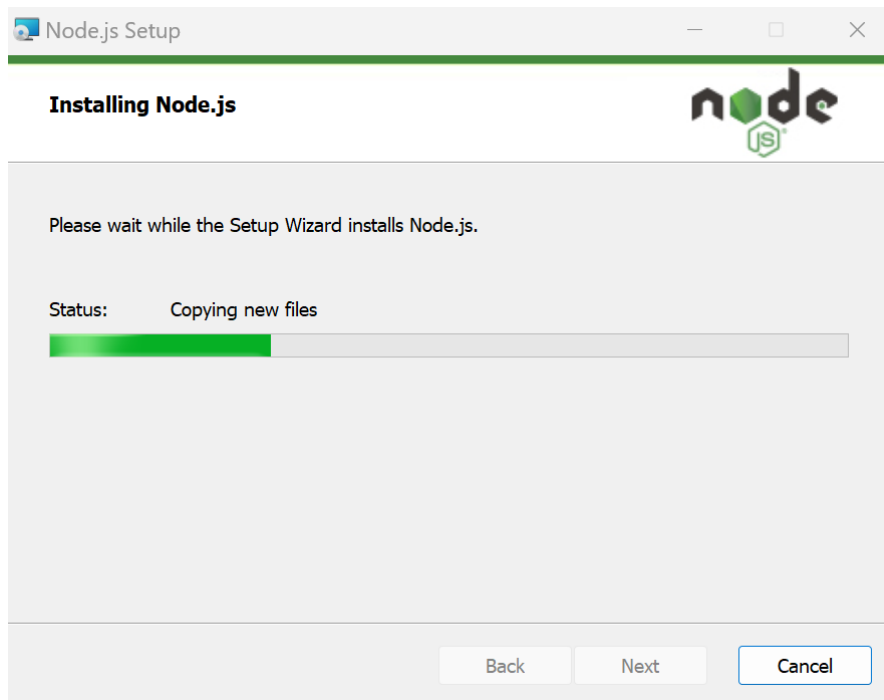
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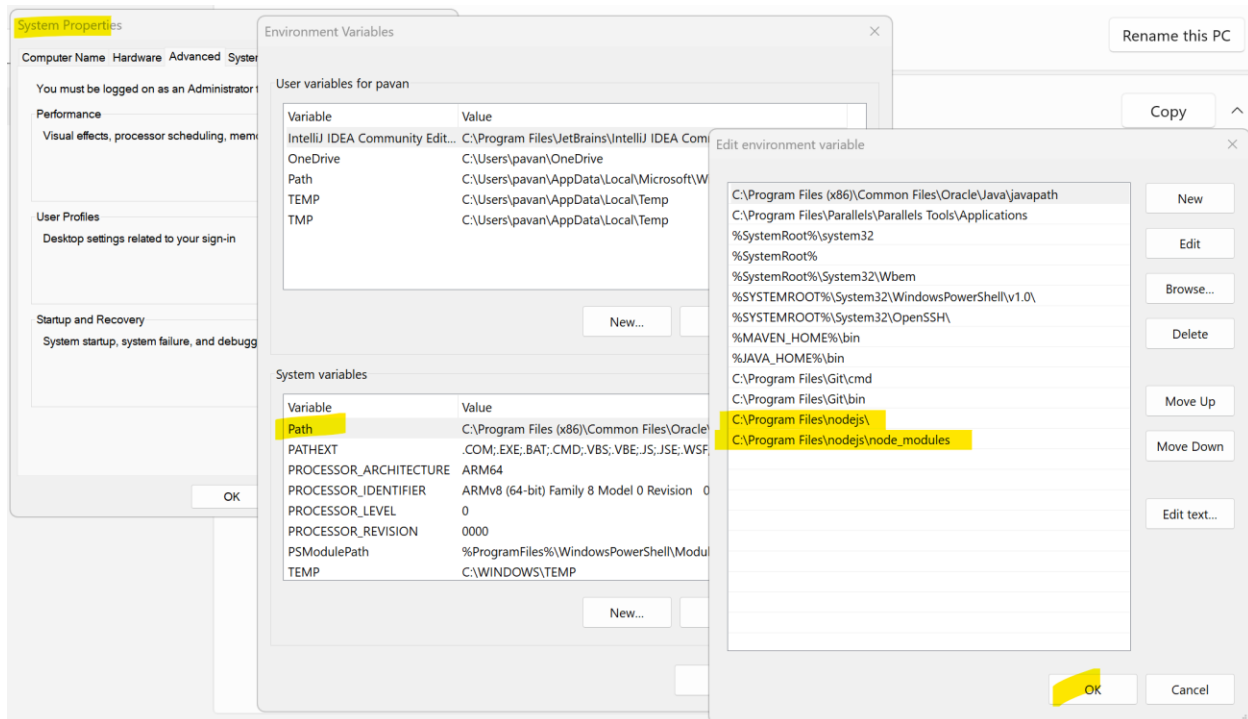








Set Environment variable:



Check node and npm versions (npm comes along with node.js)

```
Microsoft Windows [Version 10.0.22631.4602]
(c) Microsoft Corporation. All rights reserved.

C:\Users\pavan>node --version
v22.12.0

C:\Users\pavan>npm --version
10.9.0
```

Step 2: Install the TypeScript Compiler

To install the TypeScript compiler, you launch the Terminal on macOS or Linux and Command Prompt on Windows and type the following command:

```
npm install -g typescript
```

Current version the current version of TS compiler

```
tsc -v
```

```
C:\Users\pavan>npm install -g typescript
added 1 package in 750ms

C:\Users\pavan>tsc --version
Version 5.8.2
```


Step 3: Install TSX (Run TypeScript Without Compiling)

```
C:\Users\pavan>npm install -g tsx
added 5 packages in 3s
```

Step 4: Install VS Code

<https://code.visualstudio.com/>



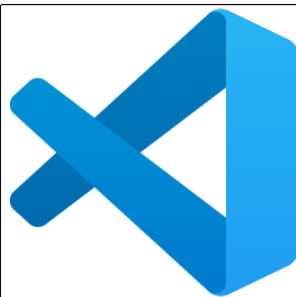
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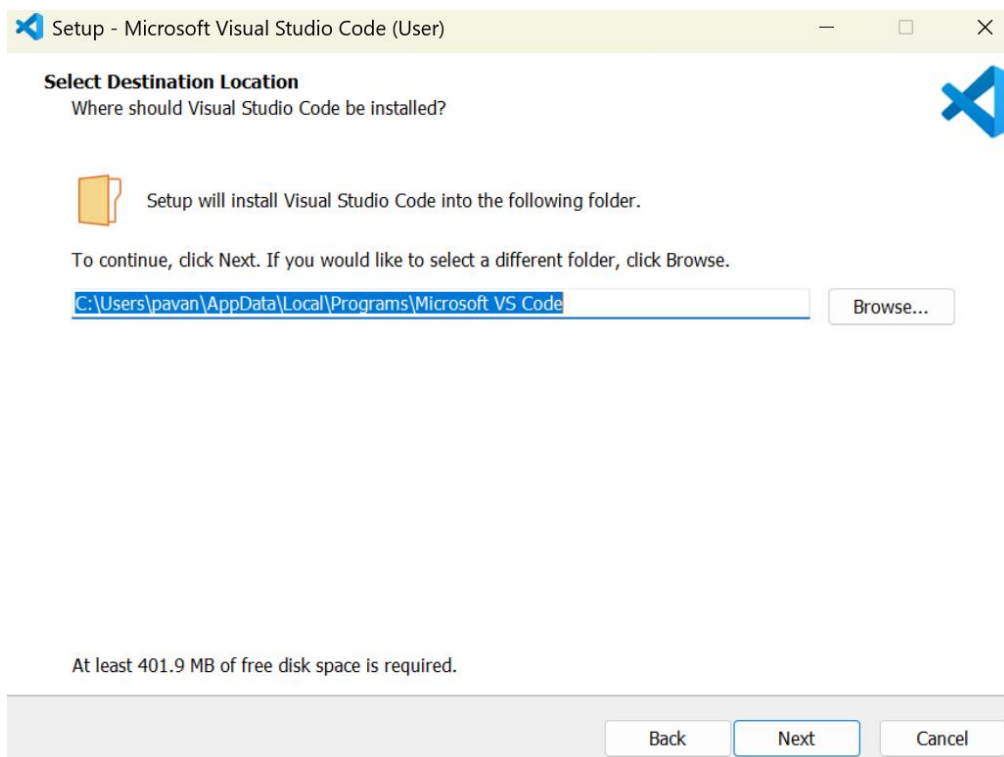
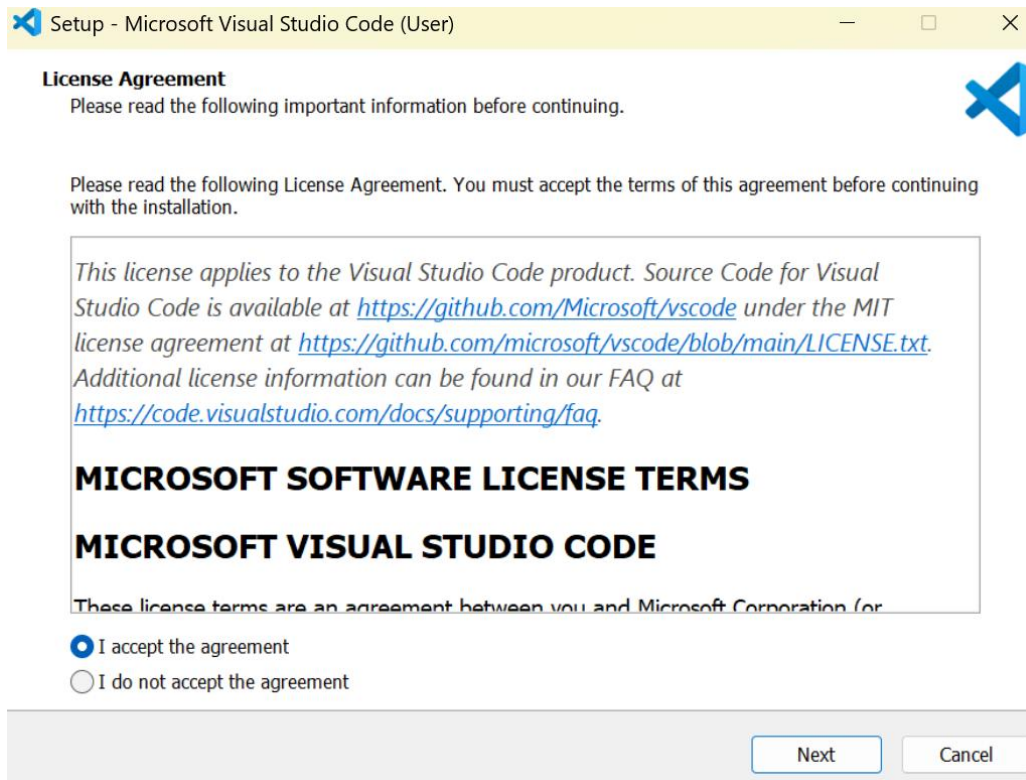
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VSCoSetup-arm64-1.98.2
.exe



Setup - Microsoft Visual Studio Code (User) — □ ×

Select Start Menu Folder

Where should Setup place the program's shortcuts?

Visual Studio Code

Browse...

☐ Don't create a Start Menu folder

Back Next Cancel

Setup - Microsoft Visual Studio Code (User) — □ ×

Select Additional Tasks

Which additional tasks should be performed?

Select the additional tasks you would like Setup to perform while installing Visual Studio Code, then click Next.

Additional icons:

☒ Create a desktop icon

Other:

☐ Add "Open with Code" action to Windows Explorer file context menu

☐ Add "Open with Code" action to Windows Explorer directory context menu

☒ Register Code as an editor for supported file types

☒ Add to PATH (requires shell restart)

Back Next Cancel

