Readme file for JavaScript Hello Program

This README provides a beginner-friendly guide to:

• Install **Visual Studio Code** on a Windows system
• Write and run your first **JavaScript "Hello, World!"** program
• Understand the basic steps of using a JavaScript development environment

It is designed for students and beginners with no prior programming experience.

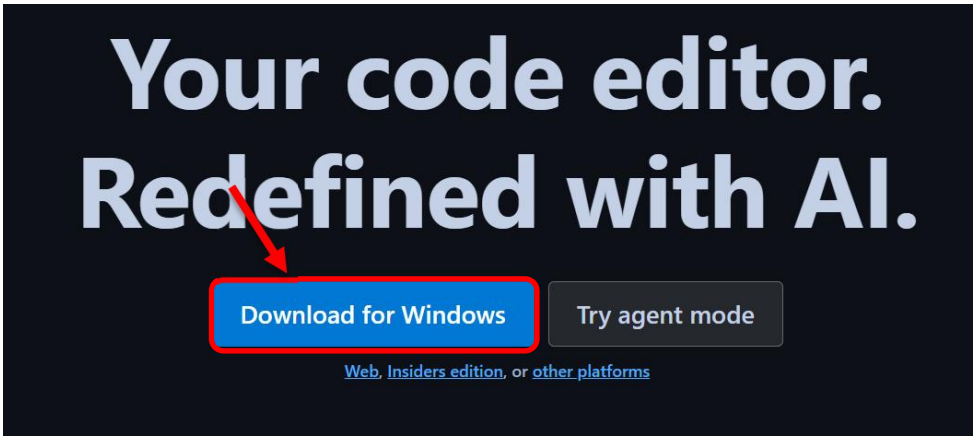
System Requirements

To install and run PHP in Visual Studio Code, your system should meet the following minimum requirements:

- **Operating System:** Windows 7, 8, 10, or 11 (64-bit recommended), macOS (Intel or Apple Silicon), Linux (Ubuntu, Fedora, Arch)
- **Processor:** 1.6 GHz or faster
- **RAM:** Minimum 1 GB (2 GB or more recommended)
- **Disk Space:** At least 500 MB of free space
- **Internet Connection:** Required for downloading the setup and extensions

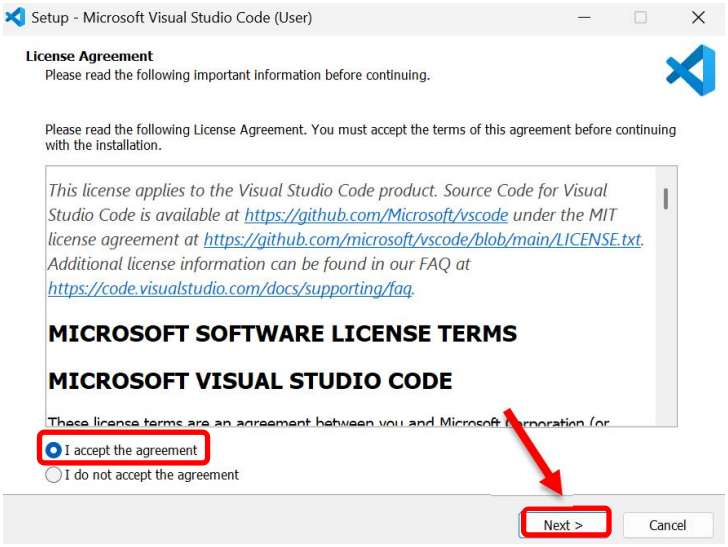
Step 1: Download Visual Studio Code

- Visit the official website: https://code.visualstudio.com
- Click on the "Download for Windows" button.

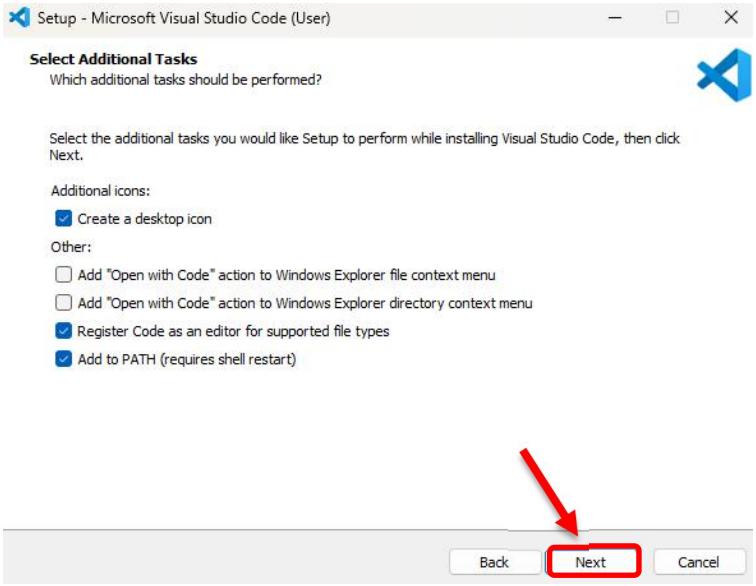


Step 2: Install VS Code

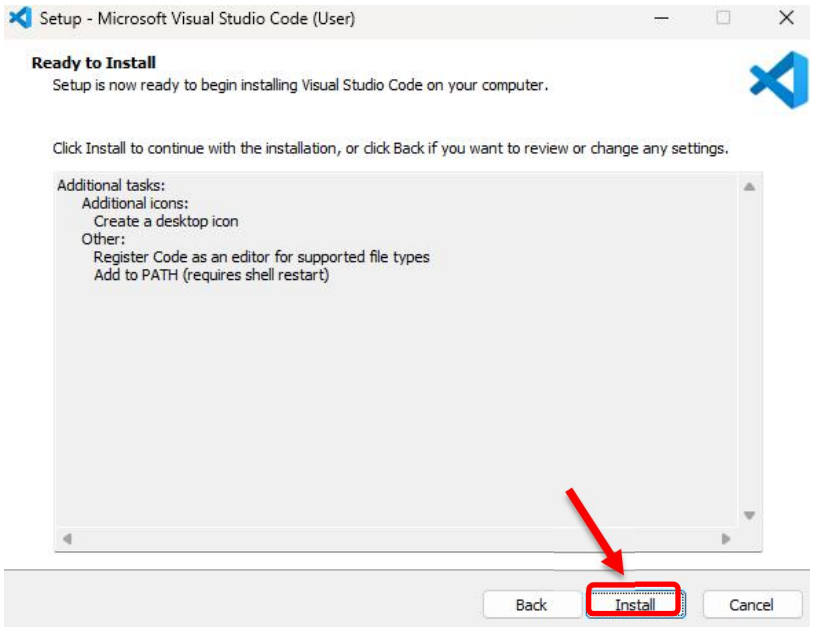
- Open the downloaded .exe file.
- Follow the installation wizard steps.
- Click "Next" and accept the license agreement.



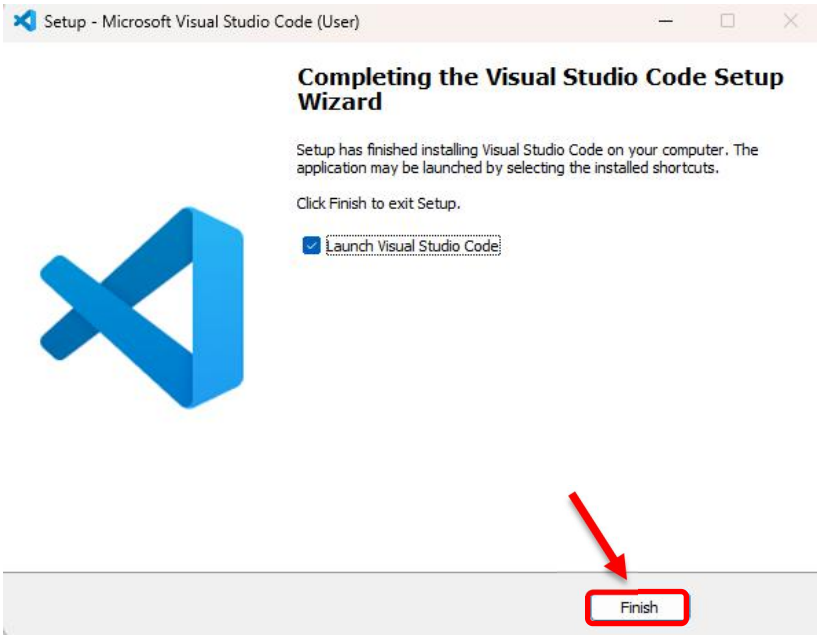
- Select the options like “Add to PATH” and “Create a desktop icon” (recommended).



- Click "Install" and wait for the process to finish.

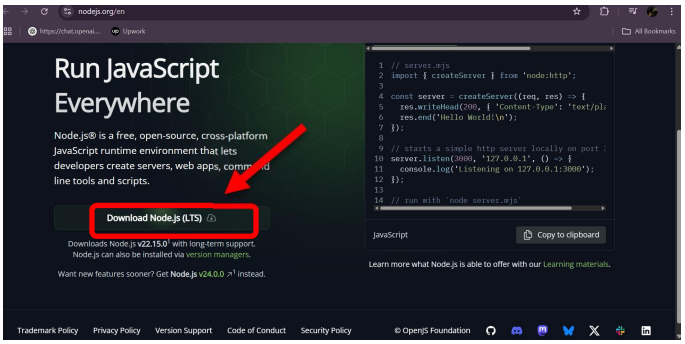


- Once installed, click "Finish" to open VS Code.

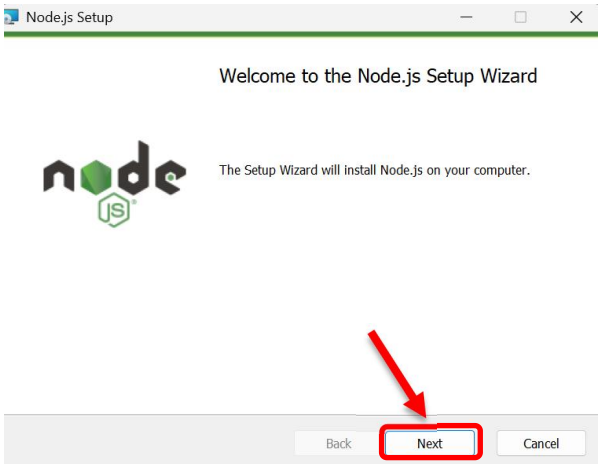


Step 3: Download and Install Node.js

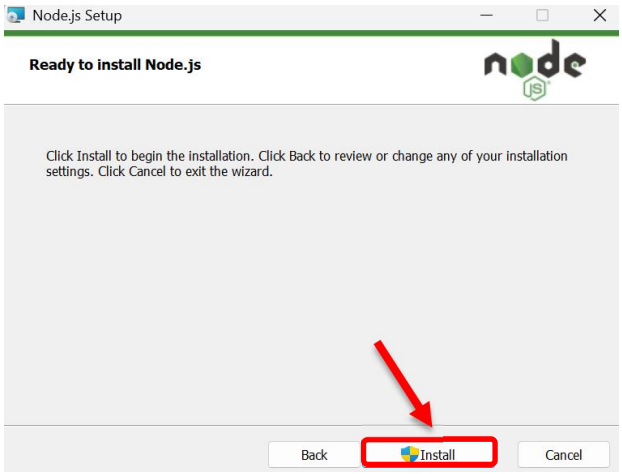
1. Go to: https://nodejs.org/
2. Click on the **LTS (Recommended for most users)** version to download.



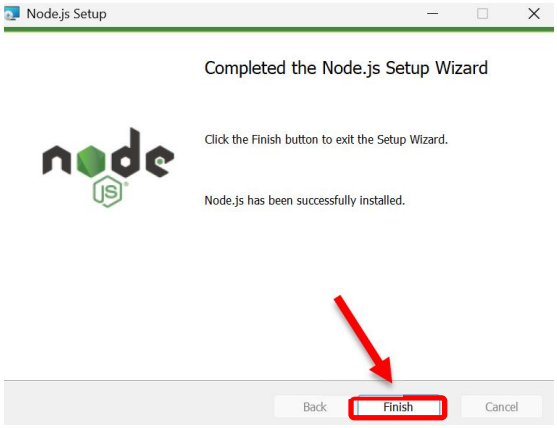
3. Run the downloaded installer file.
4. Accept the license agreement and click **Next**.



5. Keep all default settings and click **Next**.
6. Click **Install**.



7. Click **Finish** when the installation is complete.



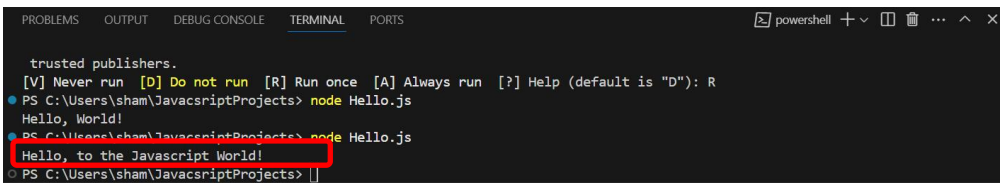
8. To verify installation, open Command Prompt and type: **node –v**

Step 3: Set Up JavaScript File

1. Open **Visual Studio Code**.
2. Click **File > New File**.
3. Save the new file as hello.js using **File > Save As**.

Step 4: Write Your First JavaScript Program

1. In hello.js, type the following code:

Step 6: Run the Program

- Click on RUN button ▷ icon to see the output in terminal.