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| **Practical No.1** |
| **AIM : Setup environment for Angular framework by Installing Node.js, npm package manager using editor like Visual Code.** |
| **Step 1 :** Download Node.js   * Open your browser and go to [Node.js official website](https://nodejs.org/). * Download the **LTS (Long-Term Support) version** for better stability. Alternatively, you can download a specific version, such as: * [Node.js v18.10.0 (Windows 64-bit)](https://nodejs.org/dist/v18.10.0/node-v18.10.0-x64.msi) |
| **Step 2 :** Install Node.js   Locate the downloaded .msi file and double-click it to launch the installer.   Follow the on-screen instructions:   * Accept the **license agreement**. * Choose the installation directory (default is recommended). * Ensure that the option **"Add to PATH"** is selected (this allows you to use Node.js from the command line). * Click **Next** and finally **Install**. |
| **Step 3 : Installation Process** |
| Step 4 : Verify Node.js and npm Installation  * Open **Command Prompt (cmd)** or **PowerShell**. * Type the following commands to check if Node.js and npm (Node Package Manager) are installed:  node –vnpm –v |
| **Step 5:** Install Angular CLI (Command Line Interface)   * Run the following command in the terminal to install Angular CLI globally:   + **npm install -g @angular/cli** * Once the installation is complete, verify it using:   + **ng version**   D:\Screenshot 2025-01-16 190822.png  D:\Screenshot 2025-01-16 190856.png |