

Commands to setup angular and start a new project in angular

Link to install node - <https://nodejs.org/en/download>

Link to install vs code - <https://code.visualstudio.com/download>

Ubuntu user node installation -

<https://github.com/nodesource/distributions?tab=readme-ov-file#debian-and-ubuntu-based-distributions>

1. Check whether node js and angular is installed
  - npm -v                -command to check the npm version if not install the node
  - ng v                 -command to check the angular is installed or not if not install
2. Install angular (after installing node)
  - Open cmd
  - Enter command - npm install -g @angular/cli@16.2.10
  - Check the version - ng v
3. Create a new project
  - Create a new folder and open cmd inside that folder
  - Enter command - ng new first\_project                here first project is your project name that can be changed as per requirement
  - Type yes for adding routing
  - Select css as style sheet

## Steps to install node modules , add a package and start a application

1. Open the angular application in VS code
2. Open the terminal and type - **npm install** - this will install all the packages which are pre defined in the package.json.
3. To install the bootstrap package clear the terminal using **cls** / **clear** command then to install the bootstrap paste command - **ng add @ng-bootstrap/ng-bootstrap**  
documentation link <https://ng-bootstrap.github.io/#/home>
4. To check if the package is installed check package.json
5. To start the application type - **ng serve** in the terminal this will start the server
6. The application will be live and can check in any browser by using - <http://localhost:4200/#/> paste this in url not google search
7. To create a component open a new terminal in vs code then type - **cd src** then **cd app** this will take u inside the app folder then use **ng g c component\_name** to generate new component
8. Use the selector value (this will be in the ts file of the new component ) and paste that in ur parent component html to call the child component - in html use the selector as tag