

# Practical No 1

**Aim : Steps For Installing Angular CLI.**

## 1. Node on system

```
PS C:\Users\Administrator> node -v  
v25.0.0
```

## 2. npm for downloading angular cli.

```
PS C:\Users\Administrator> npm i -g @angular/cli  
  
added 309 packages in 10s  
  
68 packages are looking for funding  
  run 'npm fund' for details
```

## 3. check angular cli.

```
PS C:\Users\Administrator> ng version  
Node.js version v25.0.0 detected.  
Odd numbered Node.js versions will not enter LTS status and should not be used for production. For more information, please see https://nodejs.org/en/about/previous-releases/.
```

The logo for Angular CLI, featuring the word "Angular" in a stylized font with a red outline, followed by "CLI" in a similar style.

```
Angular CLI      : 21.0.4  
Node.js         : 25.0.0 (Unsupported)  
Package Manager : npm 11.6.2  
Operating System : win32 x64
```

**Warning: The current version of Node (25.0.0) is not supported by Angular.**

## 4. creating angular application.

```
PS C:\Users\Administrator\Desktop> ng new test  
Node.js version v25.0.0 detected.  
Odd numbered Node.js versions will not enter LTS status and should not be used for production. For more information, please see https://nodejs.org/en/about/previous-releases/.  
✔ Which stylesheet system would you like to use? Tailwind CSS [ https://tailwindcss.com ]  
✔ Do you want to enable Server-Side Rendering (SSR) and Static Site Generation (SSG/Prerendering)? No  
✔ Which AI tools do you want to configure with Angular best practices? https://angular.dev/ai/develop-with-ai None
```

```
CREATE test/angular.json (1970 bytes)
CREATE test/package.json (1045 bytes)
CREATE test/README.md (1516 bytes)
CREATE test/tsconfig.json (990 bytes)
CREATE test/.editorconfig (331 bytes)
CREATE test/.gitignore (647 bytes)
CREATE test/tsconfig.app.json (444 bytes)
CREATE test/tsconfig.spec.json (456 bytes)
CREATE test/.postcssrc.json (57 bytes)
CREATE test/.vscode/extensions.json (134 bytes)
CREATE test/.vscode/launch.json (490 bytes)
CREATE test/.vscode/tasks.json (1020 bytes)
CREATE test/src/main.ts (228 bytes)
CREATE test/src/index.html (303 bytes)
CREATE test/src/styles.css (105 bytes)
CREATE test/src/app/app.spec.ts (694 bytes)
CREATE test/src/app/app.ts (298 bytes)
CREATE test/src/app/app.css (0 bytes)
CREATE test/src/app/app.html (20446 bytes)
CREATE test/src/app/app.config.ts (324 bytes)
CREATE test/src/app/app.routes.ts (80 bytes)
CREATE test/public/favicon.ico (15086 bytes)
✓ Packages installed successfully.
  Directory is already under version control. Skipping initialization of
git.
```

## 5. angular project structure.



```
test
├── node_modules
├── public
├── src
│   ├── app
│   │   ├── app.config.ts
│   │   ├── app.css
│   │   ├── app.html
│   │   ├── app.routes.ts
│   │   ├── app.spec.ts
│   │   └── app.ts
│   ├── index.html
│   ├── main.ts
│   └── styles.css
├── README.md
├── angular.json
├── package-lock.json
├── package.json
├── tsconfig.app.json
├── tsconfig.json
└── tsconfig.spec.json
```