

Lab 1

Angular Installation

(Ahmed Ashraf Ibrahim)

1- install Node (npm)

2- install angular

>> npm i @angular/cli -g

```
PS C:\Users\User> npm i @angular/cli -g
npm WARN @npmcli/move-file@2.0.1: This functionality has been moved to @npmcli/fs
added 225 packages, and audited 226 packages in 29s
27 packages are looking for funding
  run `npm fund` for details
found 0 vulnerabilities
```

3- install typescript

>> npm i typescript -g

```
PS C:\Users\User> npm i typescript -g
added 1 package, and audited 2 packages in 9s
found 0 vulnerabilities
```

4- make sure of installation

>> ng version

```
PS C:\Users\User>
PS C:\Users\User> ng version

Angular CLI
Angular CLI: 15.1.5
Node: 18.13.0
Package Manager: npm 8.19.3
OS: win32 x64

Angular:
...

Package                                  Version
-----
@angular-devkit/architect               0.1501.5 (cli-only)
@angular-devkit/core                    15.1.5 (cli-only)
@angular-devkit/schematics              15.1.5 (cli-only)
@schematics/angular                     15.1.5 (cli-only)
```

5-Create Project

>> ng new lab1

```
PS C:\Users\User\Documents\lab1>
PS C:\Users\User\Documents\lab1> ng new lab1
? Would you like to add Angular routing? No
? Which stylesheet format would you like to use? CSS
CREATE lab1/angular.json (2690 bytes)
CREATE lab1/package.json (1035 bytes)
CREATE lab1/README.md (1058 bytes)
CREATE lab1/tsconfig.json (901 bytes)
CREATE lab1/.editorconfig (274 bytes)
CREATE lab1/.gitignore (548 bytes)
CREATE lab1/tsconfig.app.json (263 bytes)
CREATE lab1/tsconfig.spec.json (273 bytes)
CREATE lab1/.vscode/extensions.json (130 bytes)
CREATE lab1/.vscode/launch.json (474 bytes)
CREATE lab1/.vscode/tasks.json (938 bytes)
CREATE lab1/src/favicon.ico (948 bytes)
CREATE lab1/src/index.html (290 bytes)
CREATE lab1/src/main.ts (214 bytes)
CREATE lab1/src/styles.css (80 bytes)
CREATE lab1/src/assets/.gitkeep (0 bytes)
CREATE lab1/src/app/app.module.ts (314 bytes)
CREATE lab1/src/app/app.component.html (23083 bytes)
CREATE lab1/src/app/app.component.spec.ts (950 bytes)
CREATE lab1/src/app/app.component.ts (208 bytes)
CREATE lab1/src/app/app.component.css (0 bytes)
√ Packages installed successfully.
warning: in the working copy of '.editorconfig' LF will be replaced by CRLF the next time C
```

6- run server

To auto run

>> ng serve -o

```
G:\ITI 1\Angular\lab1>
G:\ITI 1\Angular\lab1>
G:\ITI 1\Angular\lab1>ng serve -o
✓ Browser application bundle generation complete.

Initial Chunk Files | Names          | Raw Size
vendor.js           | vendor         | 1.71 MB
polyfills.js        | polyfills      | 314.26 kB
styles.css, styles.js | styles        | 209.39 kB
main.js             | main           | 45.97 kB
runtime.js          | runtime        | 6.51 kB

| Initial Total | 2.27 MB

Build at: 2023-02-09T15:50:01.393Z - Hash: 00e180db84ad82a8 - Time: 51510ms

** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

✓ Compiled successfully.
█
```

