Universidad de las Fuerzas Armadas “ESPE”

Workshop of Angular

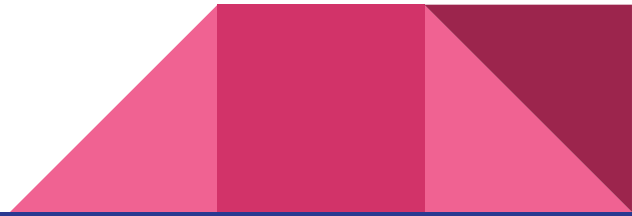
Team Members:

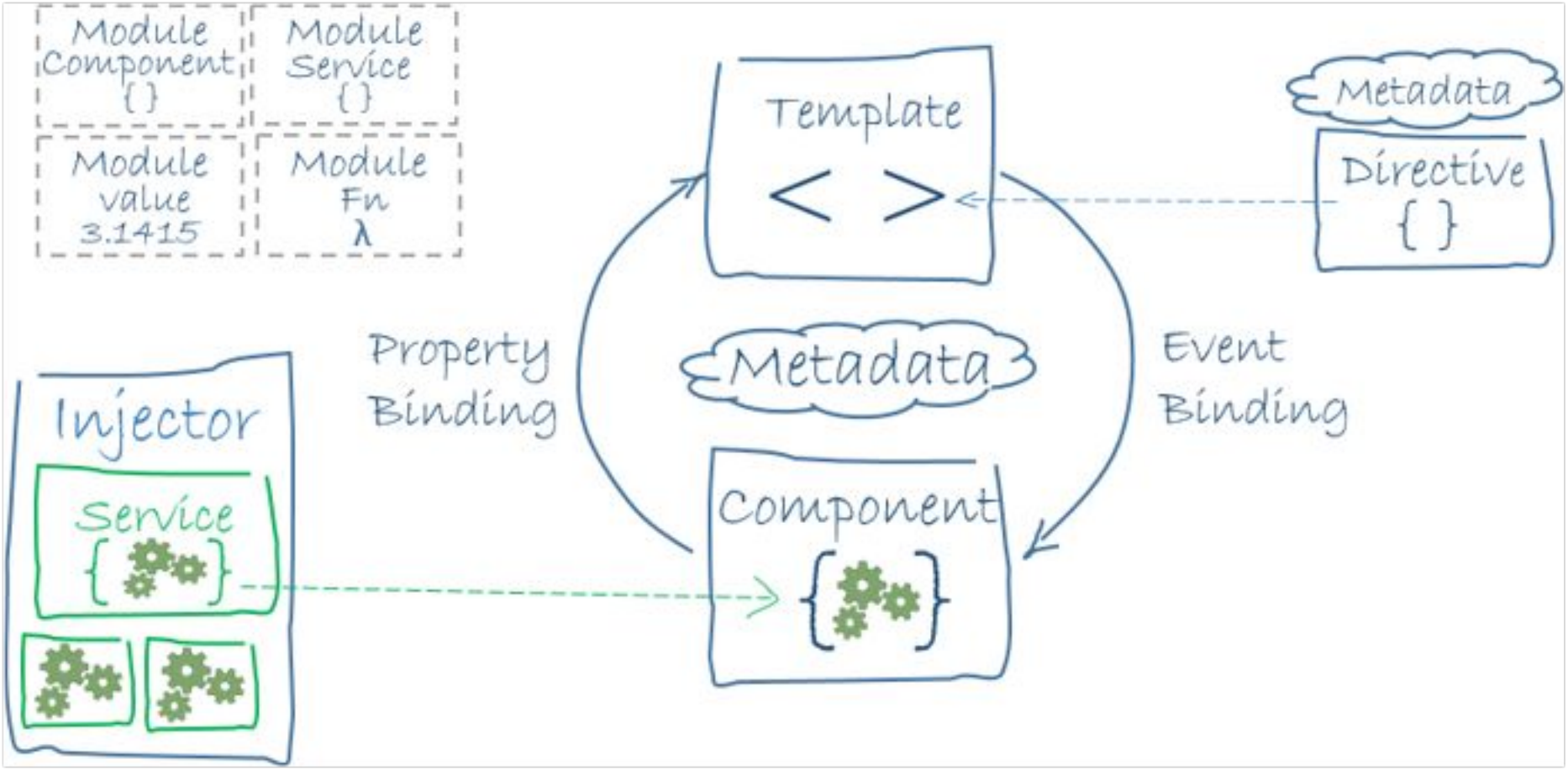
- Marcelo Malte
- Henry Tiamba
- Stalin Rivera Vega
- Jonathan Zapata

Introduction

Angular is a platform and framework for building single page client-side applications using HTML and TypeScript. Angular is written in TypeScript. It implements core and optional functionality as a set of TypeScript libraries that you import into your applications.

The architecture of an application in Angular is based on certain fundamental concepts. The basic building blocks are NgModules, which provide a build context for components.




Module
Component
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Template
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Metadata
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Property
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Metadata
Event
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Injector
Service
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Component
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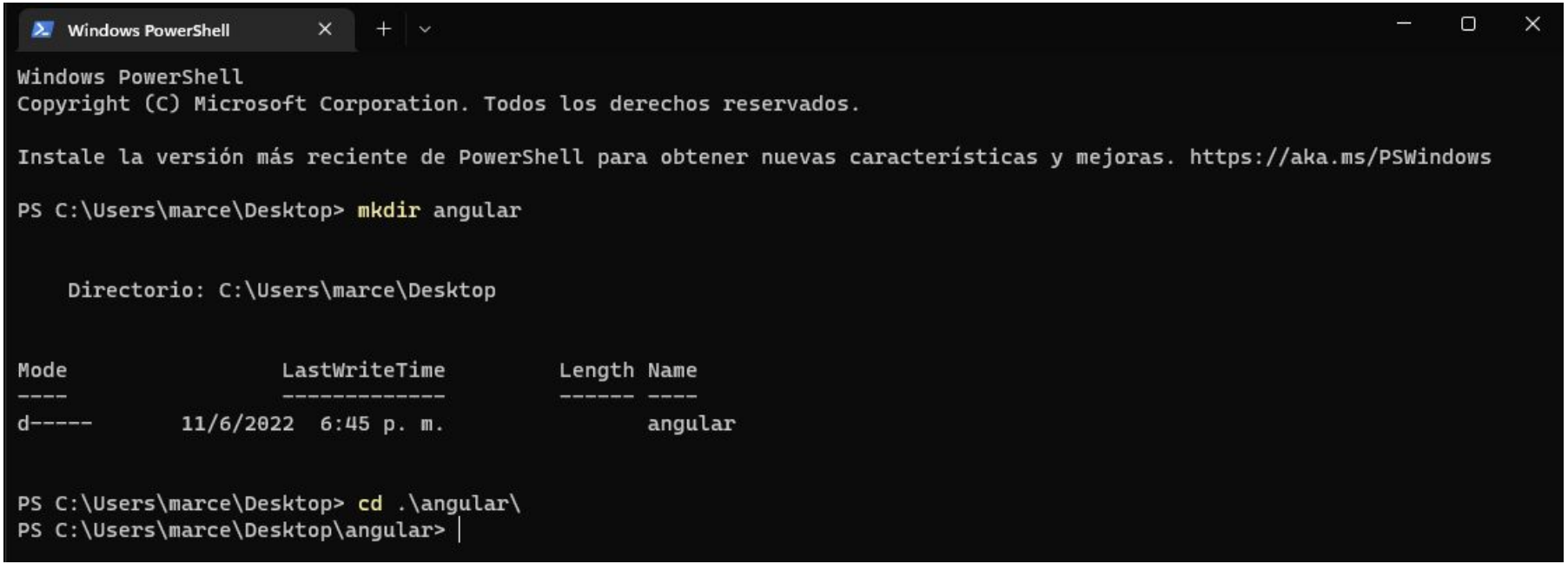
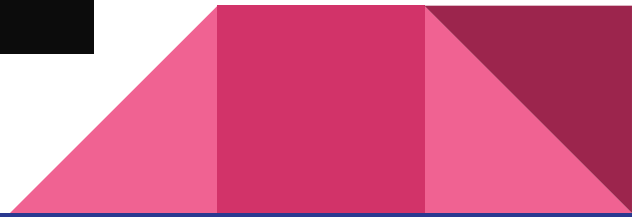
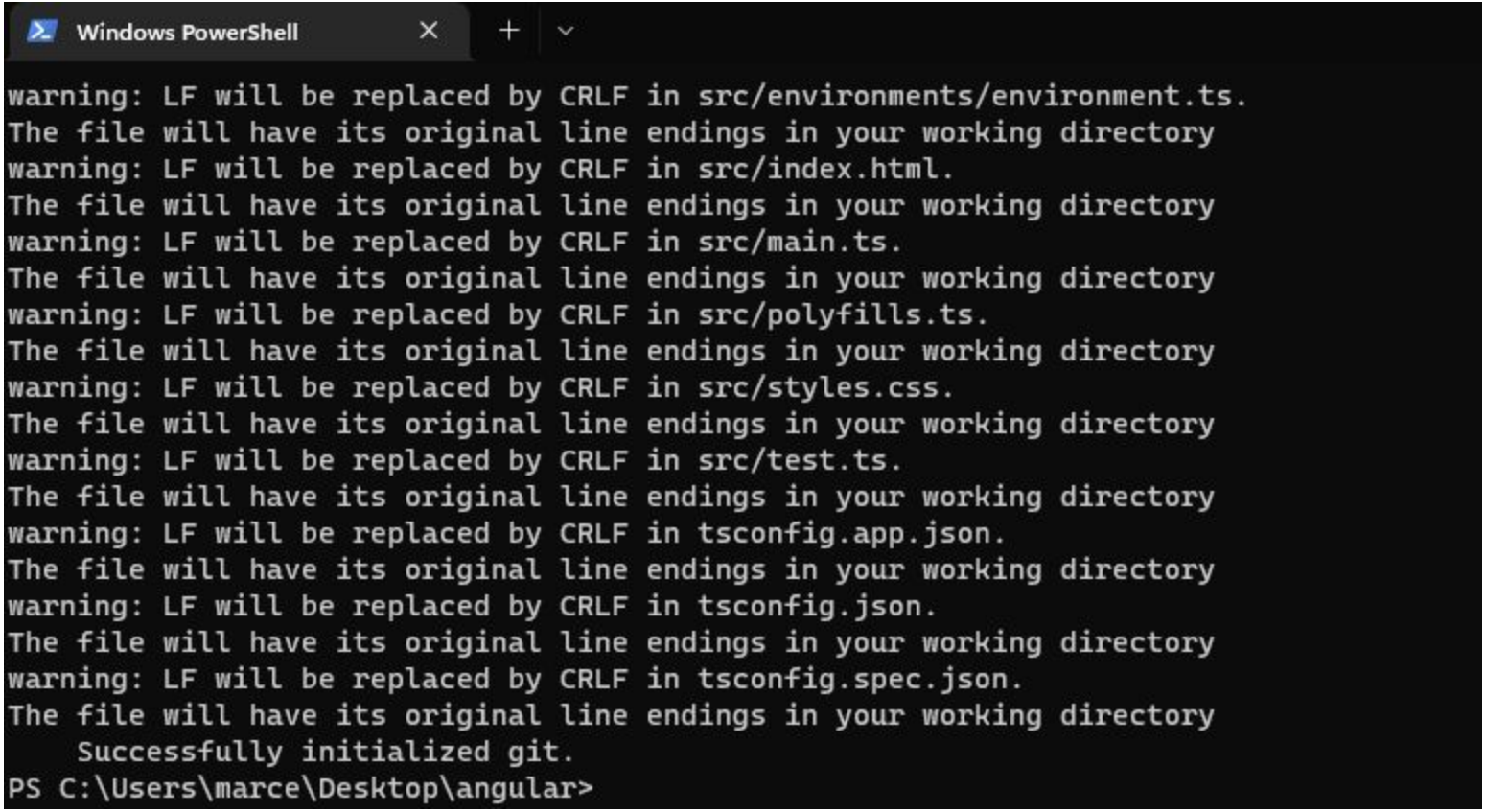

Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.
Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows
PS C:\Users\marce\Desktop> mkdir angular
Directorio: C:\Users\marce\Desktop
Mode LastWriteTime Length Name
---- ------------- ------ ----
d----- 11/6/2022 6:45 p. m. angular
PS C:\Users\marce\Desktop> cd .\angular\
PS C:\Users\marce\Desktop\angular>

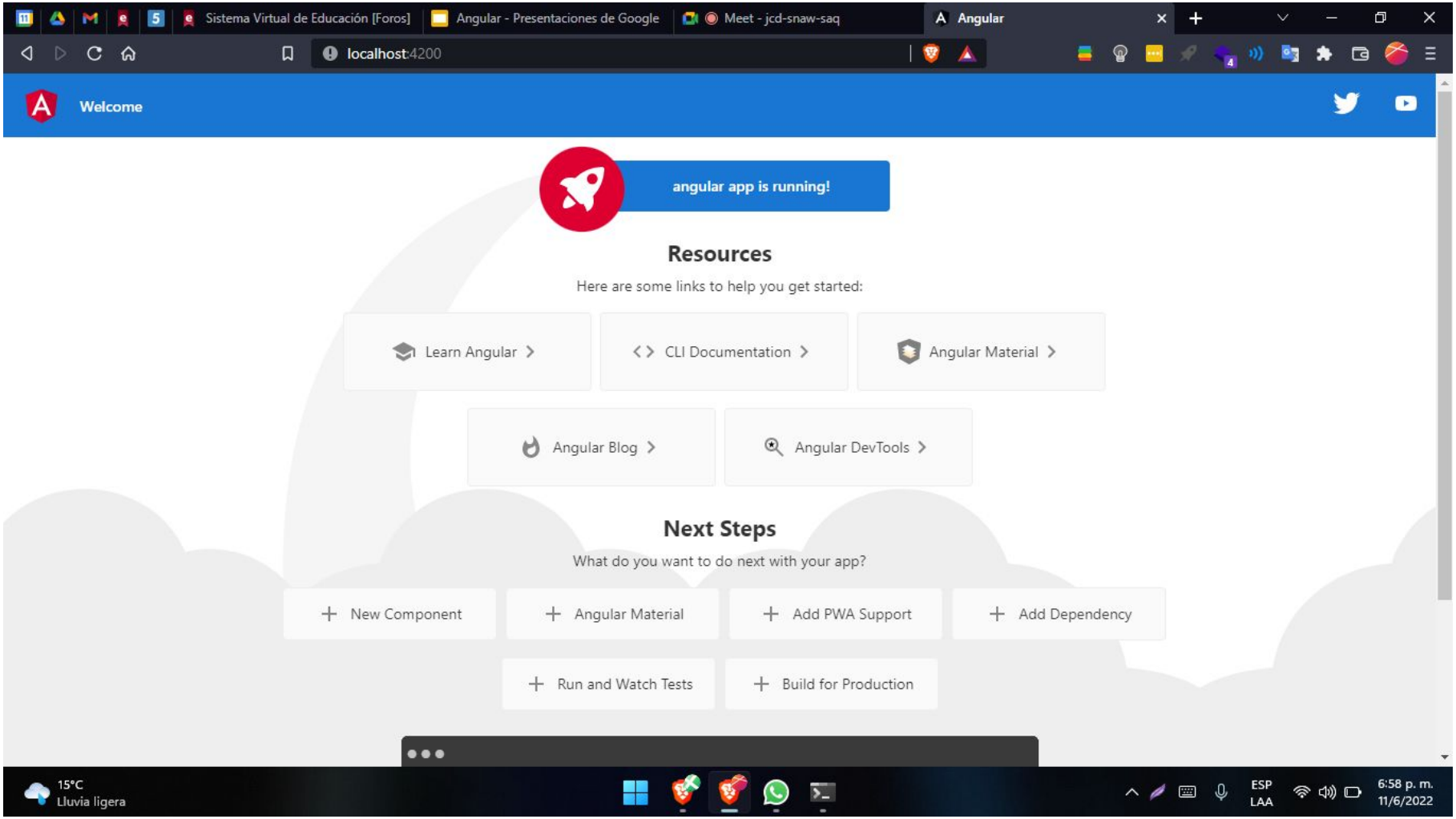
```
PS C:\Users\marce\Desktop> cd .\angular\
PS C:\Users\marce\Desktop\angular> npm install -g npm@latest

changed 14 packages, and audited 202 packages in 3s

11 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS C:\Users\marce\Desktop\angular>
```

```
PS C:\Users\marce\Desktop\angular> npm install -g @angular/cli

changed 219 packages, and audited 220 packages in 22s

25 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS C:\Users\marce\Desktop\angular>
```




Windows PowerShell
warning: LF will be replaced by CRLF in src/environments/environment.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/main.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/polyfills.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/styles.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/test.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in tsconfig.app.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in tsconfig.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in tsconfig.spec.json.
The file will have its original line endings in your working directory
Successfully initialized git.
PS C:\Users\marce\Desktop\angular>

```
PS C:\Users\marce\Desktop\angular> cd .\angular\
PS C:\Users\marce\Desktop\angular\angular> ng serve
? Would you like to share anonymous usage data about this project with the Angular Team at
Google under Google's Privacy Policy at https://policies.google.com/privacy. For more
details and how to change this setting, see https://angular.io/analytics. Yes

Thank you for sharing anonymous usage data. Should you change your mind, the following
command will disable this feature entirely:

    ng analytics disable

Global setting: enabled
Local setting: enabled
Effective status: enabled
✔ Browser application bundle generation complete.

Initial Chunk Files   | Names         |  Raw Size
vendor.js             | vendor        |   2.02 MB |
polyfills.js          | polyfills     | 313.42 kB |
styles.css, styles.js | styles        | 207.35 kB |
main.js               | main          |  50.44 kB |
runtime.js            | runtime       |   6.51 kB |

                      | Initial Total |   2.58 MB

Build at: 2022-06-11T23:53:33.846Z - Hash: f14cf5d878bae163 - Time: 13791ms

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


✔ Compiled successfully.
```


Sistema Virtual de Educación [Foros]
Angular - Presentaciones de Google
Meet - jcd-snaw-saq
Angular
localhost:4200
Welcome
angular app is running!
Resources
Here are some links to help you get started:
Learn Angular
CLI Documentation
Angular Material
Angular Blog
Angular DevTools
Next Steps
What do you want to do next with your app?
New Component
Angular Material
Add PWA Support
Add Dependency
Run and Watch Tests
Build for Production
15°C
Lluvia ligera
ESP
LAA
6:58 p. m.
11/6/2022

Conclusion

- The main reason behind its popularity is that it is easy and simple to use.
- Its main goal is to develop single page applications.
- Google is in charge of the maintenance and constant updates of improvements for this framework.