



FACULTAD DE  
**POSTGRADO**  
SANTA CRUZ

# PRACTICA 1

DESARROLLO FRONTEND y FRAMEWORKS JAVASCRIPT

--- ROMAN FRANCO VALERO CALLE ---

# PROYECTO 1

## Gestor de Tareas

### **Clase 1: Configuración del Proyecto y Primer Componente**

- Configurar el entorno Angular e instalar Angular Material.
- Crear un componente `TaskListComponent` para mostrar una lista estática de tareas.
- Personalizar la lista con estilos básicos

# Instalación

```
$ npm install -g @angular/cli
```

```
npm install @angular/cli
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ npm install -g @angular/cli
[ ] - idealTree:npm: sill idealTree buildDeps
```

```
MINGW64/e/DIPLOMADO DE
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ npm install -g @angular/cli

added 82 packages, removed 45 packages, and changed 192 packages in 47s

52 packages are looking for funding
  run `npm fund` for details
npm notice
npm notice New major version of npm available! 10.5.2 -> 11.3.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.3.0
npm notice Run npm install -g npm@11.3.0 to update!
npm notice

RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ node --version
v20.13.1

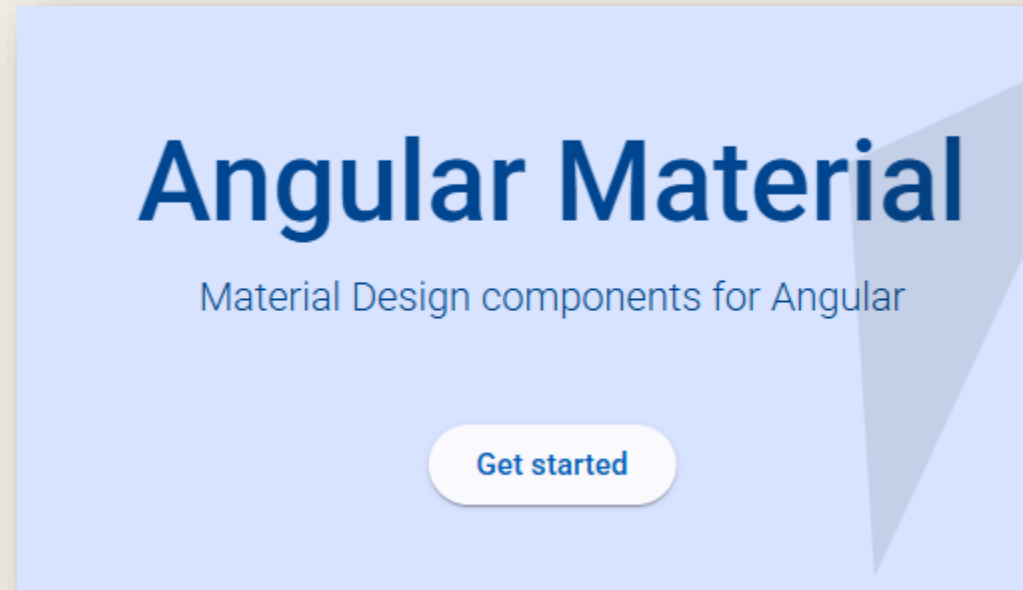
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ ng --version
19.2.10

RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ |
```

# Creación de Proyecto 1 - ToDoList

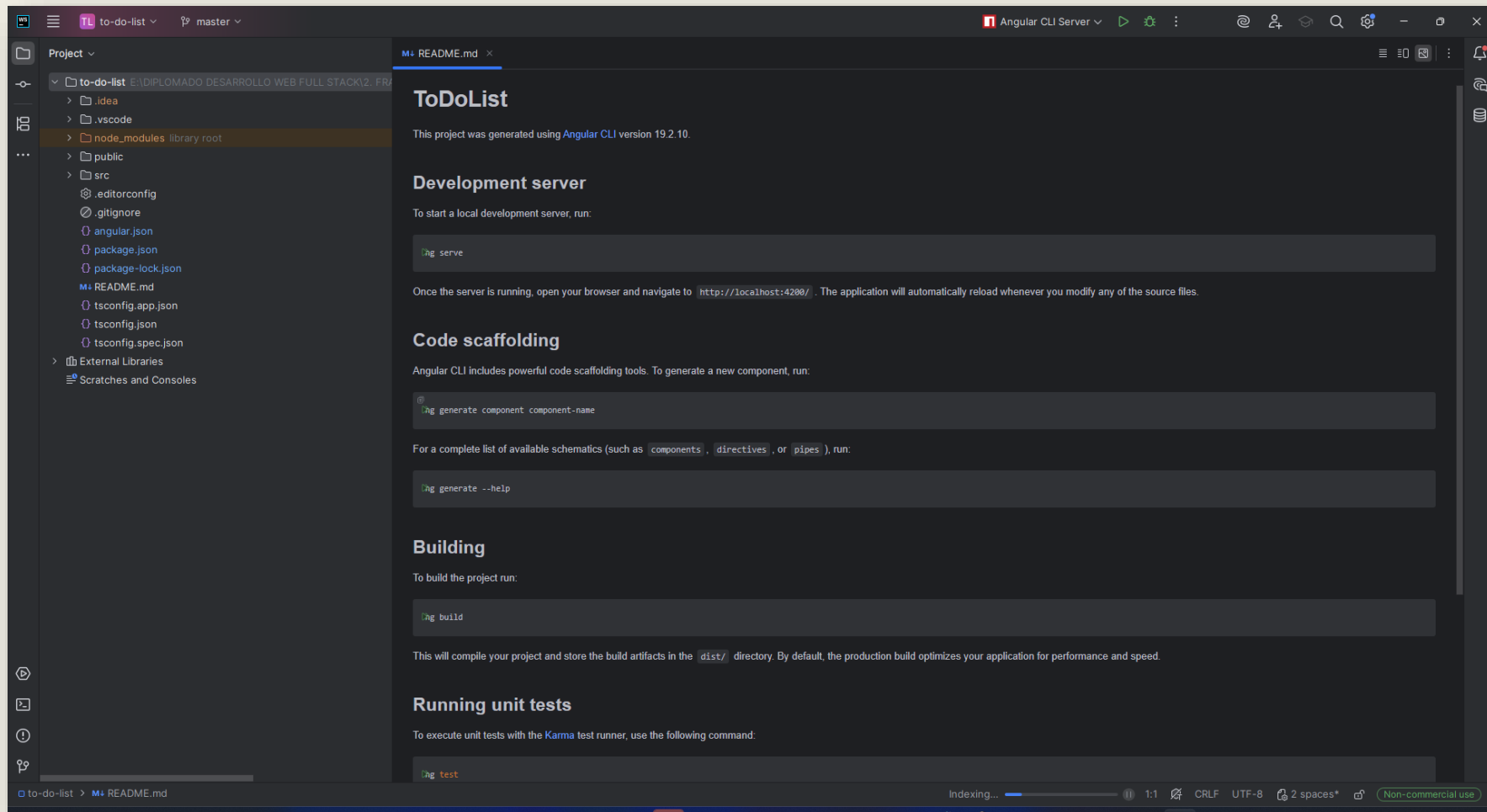
```
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ ng new to-do-list
✓ Which stylesheet format would you like to use? CSS [ https://developer.mozilla.org/docs/Web/CSS ]
✓ Do you want to enable Server-Side Rendering (SSR) and Static Site Generation (SSG/Prerendering)? No
CREATE to-do-list/angular.json (2702 bytes)
CREATE to-do-list/package.json (1042 bytes)
CREATE to-do-list/README.md (1531 bytes)
CREATE to-do-list/tsconfig.json (942 bytes)
CREATE to-do-list/.editorconfig (331 bytes)
CREATE to-do-list/.gitignore (629 bytes)
CREATE to-do-list/tsconfig.app.json (439 bytes)
CREATE to-do-list/tsconfig.spec.json (449 bytes)
CREATE to-do-list/.vscode/extensions.json (134 bytes)
CREATE to-do-list/.vscode/launch.json (490 bytes)
CREATE to-do-list/.vscode/tasks.json (980 bytes)
CREATE to-do-list/src/main.ts (256 bytes)
CREATE to-do-list/src/index.html (307 bytes)
CREATE to-do-list/src/styles.css (81 bytes)
CREATE to-do-list/src/app/app.component.html (20239 bytes)
CREATE to-do-list/src/app/app.component.spec.ts (957 bytes)
CREATE to-do-list/src/app/app.component.ts (298 bytes)
CREATE to-do-list/src/app/app.component.css (0 bytes)
CREATE to-do-list/src/app/app.config.ts (318 bytes)
CREATE to-do-list/src/app/app.routes.ts (80 bytes)
CREATE to-do-list/public/favicon.ico (15086 bytes)
⌚ Installing packages (npm)...
```

# Instalación Angular Material



```
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas/to-do-list (master)
$ ng add @angular/material
✓Determining Package Manager
  > Using package manager: npm
✓Searching for compatible package version
  > Found compatible package version: @angular/material@19.2.14.
⚙ Loading package information from registry
■ Confirming installation
```

# Abriendo el proyecto En esta ocasión con WebStorm (IDE favorito)



# Creación de nuevo componente

```
PS E:\DIPLOMADO DESARROLLO WEB FULL STACK\2. FRAMEWORKS JAVASCRIPT\Practicas\to-do-list> ng generate component TaskListComponent
CREATE src/app/task-list-component/task-list-component.component.html (35 bytes)
CREATE src/app/task-list-component/task-list-component.component.spec.ts (694 bytes)
CREATE src/app/task-list-component/task-list-component.component.ts (275 bytes)
CREATE src/app/task-list-component/task-list-component.component.css (0 bytes)
```

# Inicio del servidor de AngularCLI

```
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS
JAVASCRIPT/Practicas/to-do-list (master)
$ npm start

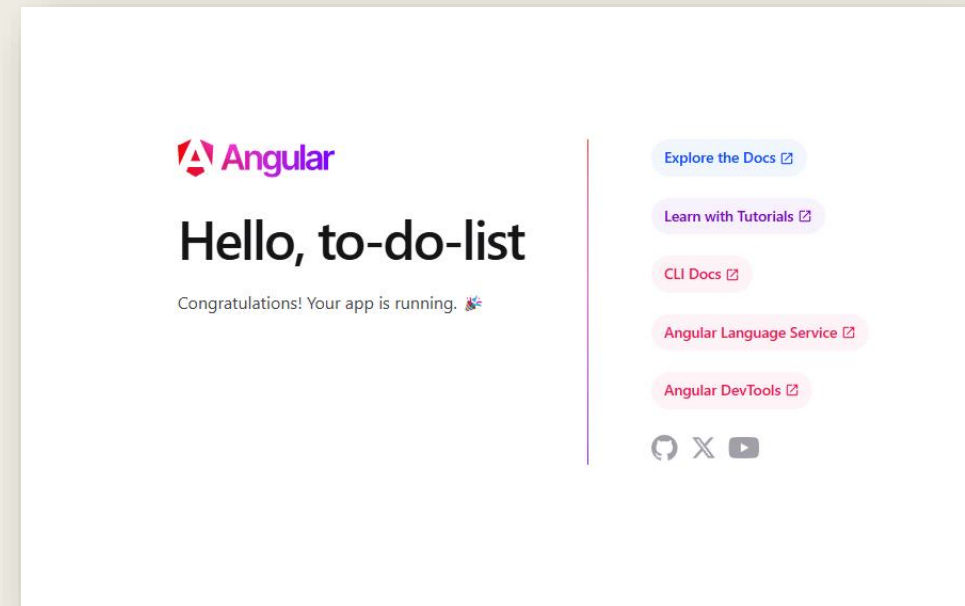
> to-do-list@0.0.0 start
> ng serve

Component HMR has been enabled.
If you encounter application reload issues, you can manually reload the page t
o bypass HMR and/or disable this feature with the '--no-hmr' command line opti
on.
Please consider reporting any issues you encounter here: https://github.com/an
gular/angular-cli/issues

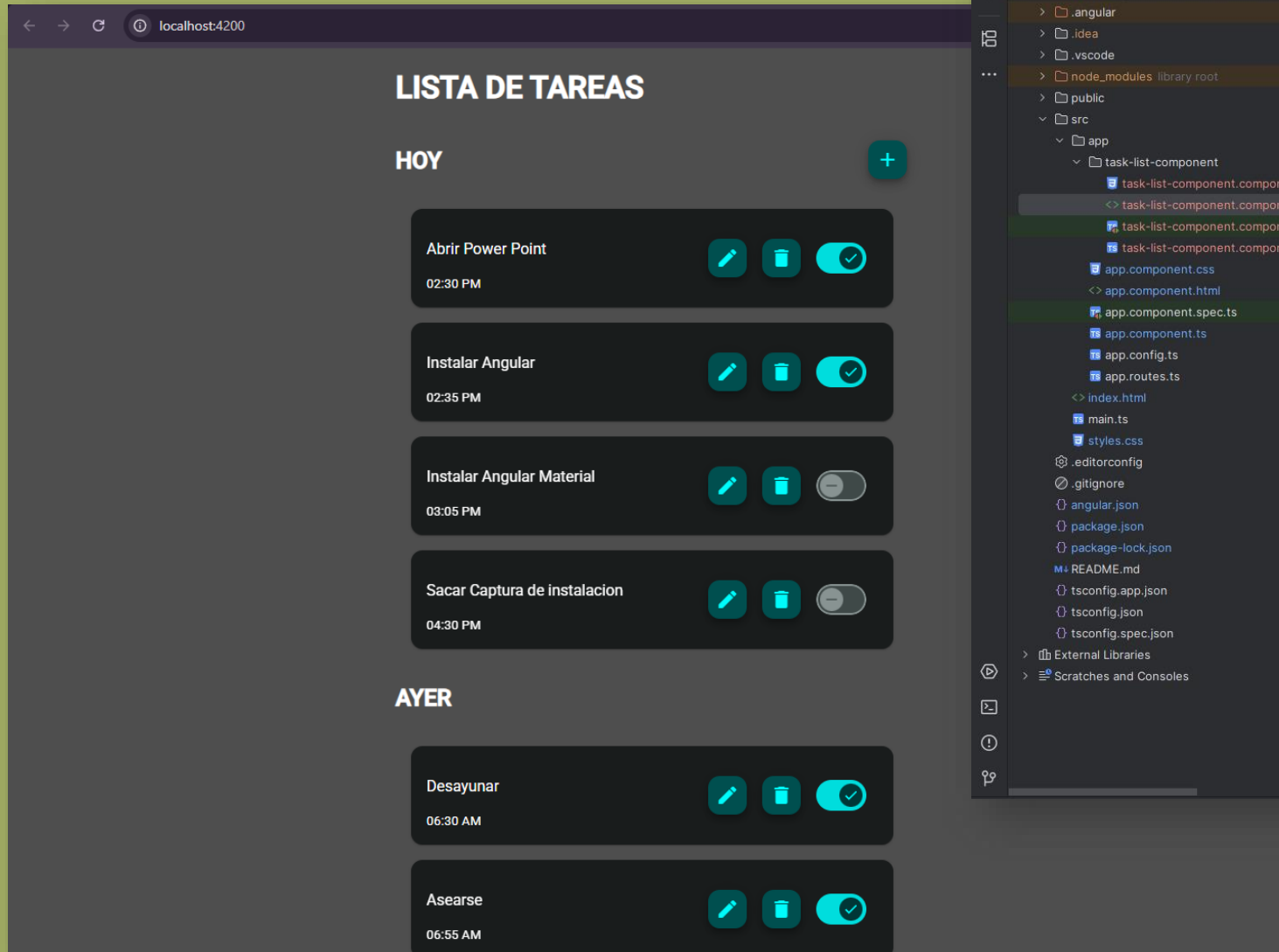
Initial chunk files | Names          | Raw size
polyfills.js        | polyfills      | 90.20 kB
main.js             | main           | 47.93 kB
styles.css           | styles         | 7.83 kB
                    | Initial total  | 145.97 kB

Application bundle generation complete. [3.212 seconds]

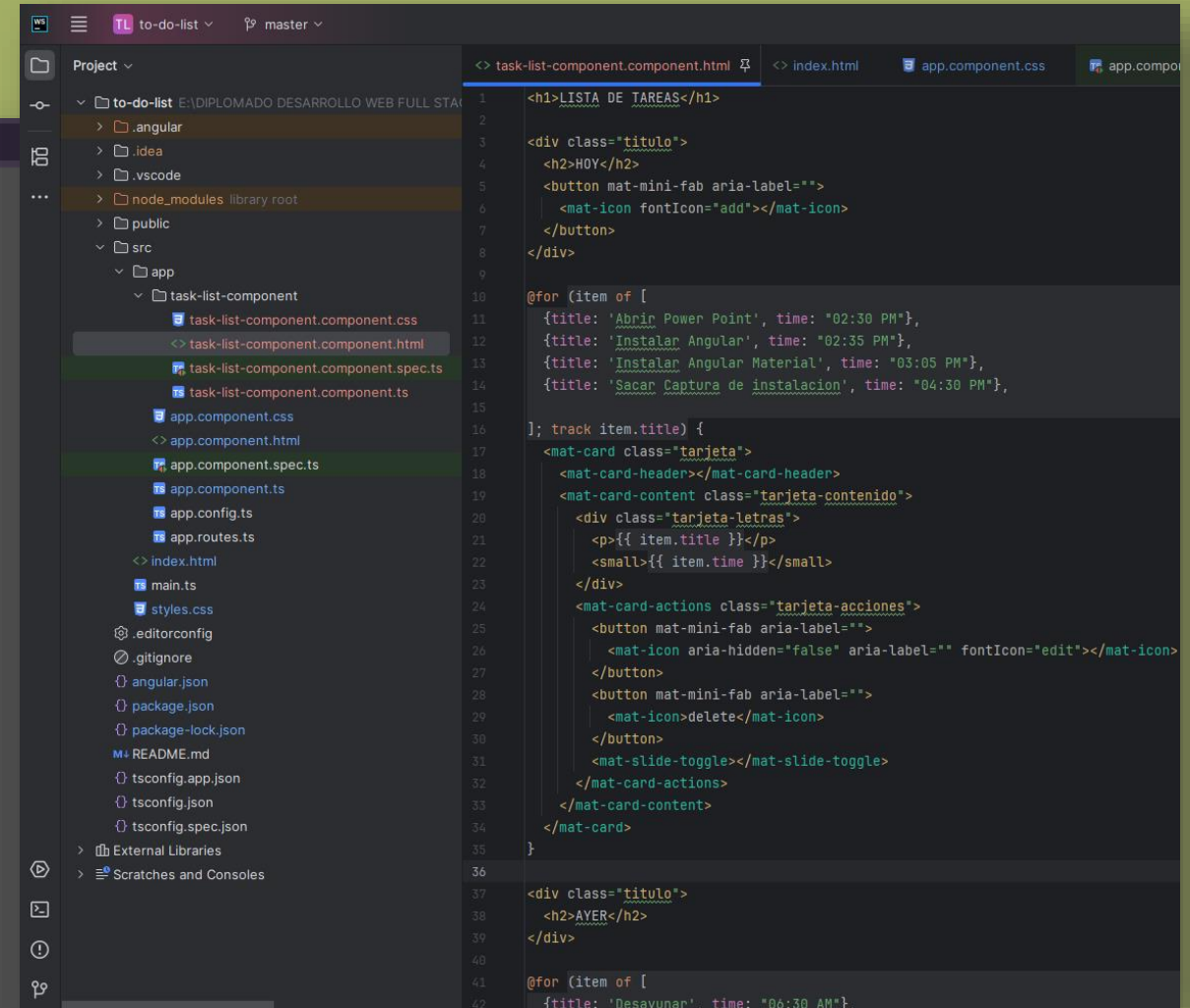
Watch mode enabled. Watching for file changes...
NOTE: Raw file sizes do not reflect development server per-request transformat
ions.
  → Local:    http://localhost:4200/
  → press h + enter to show help
```



## resultado



## Desarrollo del proyecto





# Creación de Proyecto 2 – Catálogo de Productos

```
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ ng new catalog-product
✓Which stylesheet format would you like to use? CSS [
https://developer.mozilla.org/docs/Web/CSS ]
✓Do you want to enable Server-Side Rendering (SSR) and Static Site Generation
(SSG/Prerendering)? No
CREATE catalog-product/angular.json (2722 bytes)
CREATE catalog-product/package.json (1047 bytes)
CREATE catalog-product/README.md (1537 bytes)
CREATE catalog-product/tsconfig.json (942 bytes)
CREATE catalog-product/.editorconfig (331 bytes)
CREATE catalog-product/.gitignore (629 bytes)
CREATE catalog-product/tsconfig.app.json (439 bytes)
CREATE catalog-product/tsconfig.spec.json (449 bytes)
CREATE catalog-product/.vscode/extensions.json (134 bytes)
CREATE catalog-product/.vscode/launch.json (490 bytes)
CREATE catalog-product/.vscode/tasks.json (980 bytes)
CREATE catalog-product/src/main.ts (256 bytes)
CREATE catalog-product/src/index.html (313 bytes)
CREATE catalog-product/src/styles.css (81 bytes)
CREATE catalog-product/src/app/app.component.html (20239 bytes)
CREATE catalog-product/src/app/app.component.spec.ts (972 bytes)
CREATE catalog-product/src/app/app.component.ts (303 bytes)
CREATE catalog-product/src/app/app.component.css (0 bytes)
CREATE catalog-product/src/app/app.config.ts (318 bytes)
CREATE catalog-product/src/app/app.routes.ts (80 bytes)
CREATE catalog-product/public/favicon.ico (15086 bytes)
? Installing packages (npm)...
```

# PROYECTO 2

## Catálogo de productos

### **Clase 1: Configuración del Proyecto y Primer Componente**

- Configurar el entorno Angular.
- Crear un componente `ProductListComponent` para mostrar una lista de productos estática.
- Estilizar la lista con Angular Material.

# Creación de nuevo componente ProductListComponent

```
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas/catalog-product (master)
$ ng generate component ProductListComponent
CREATE src/app/product-list-component/product-list-component.component.html (38 bytes)
CREATE src/app/product-list-component/product-list-component.component.spec.ts (715 bytes)
CREATE src/app/product-list-component/product-list-component.component.ts (287 bytes)
CREATE src/app/product-list-component/product-list-component.component.css (0 bytes)
```

## Instalación Angular Material

```
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas/catalog-product (master)
$ ng add @angular/material
✓Determining Package Manager
  > Using package manager: npm
✓Searching for compatible package version
  > Found compatible package version: @angular/material@19.2.14.
✓Loading package information from registry
: Confirming installation

The package @angular/material@19.2.14 will be installed and executed.
Would you like to proceed? (Y/n)
```

### Angular Material


Material Design components for Angular

Get started

## resultado

## Desarrollo del proyecto


## LISTA DE PRODUCTOS



Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops

men's clothing \$ 109.95


COMPRAR



Mens Casual Premium Slim Fit T-Shirts

men's clothing \$ 22.3


COMPRAR



Mens Cotton Jacket

men's clothing \$ 55.99


COMPRAR



Mens Casual Slim Fit

men's clothing \$ 15.99


COMPRAR



John Hardy Women's Legends Naga Gold & Silver Dragon Station Chain Bracelet

jewellery \$ 695


COMPRAR



Solid Gold Petite Micropave

jewellery \$ 168


COMPRAR



White Gold Plated Princess

jewellery \$ 9.99

COMPRAR



Pierced Owl Rose Gold Plated Stainless Steel Double

jewellery \$ 10.99

COMPRAR

```
Project catalog-product master
├── catalog-product
│   ├── .angular
│   ├── .idea
│   ├── .vscode
│   ├── node_modules
│   ├── public
│   ├── src
│   └── app
│       ├── product-list-component
│       │   ├── product-list-component.component.html
│       │   ├── product-list-component.component.css
│       │   ├── product-list-component.component.spec.ts
│       │   ├── app.component.css
│       │   ├── app.component.html
│       │   ├── app.component.spec.ts
│       │   ├── app.config.ts
│       │   └── app.routes.ts
│       ├── index.html
│       ├── main.ts
│       ├── styles.css
│       ├── .editorconfig
│       ├── .gitignore
│       ├── angular.json
│       ├── package.json
│       ├── package-lock.json
│       ├── README.md
│       ├── tsconfig.app.json
│       ├── tsconfig.json
│       └── tsconfig.spec.json
├── External Libraries
└── Scratches and Consoles

product-list-component.component.html
10 <div class="lista-tarjetas">
11
12   <mat-card class="tarjeta">
13     <mat-card-content class="tarjeta-contenido">
14       <div class="tarjeta-imagen">
15         
16       </div>
17       <div>
18         <p>{{ item.title }}</p>
19       </div>
20     </mat-card-content>
21     <mat-card-footer class="tarjeta-pie">
22       <div class="tarjeta-pie-letras">
23         <div>
24           {{ item.category }}
25         </div>
26         <div>
27           $ {{ item.price }}
28         </div>
29       </div>
30       <div class="tarjeta-pie-botones">
31         <button mat-stroked-button aria-label="">
32           <mat-icon fontIcon="shopping_cart"></mat-icon>
33           COMPRAR
34         </button>
35       </div>
36     </mat-card-footer>
37   </mat-card>
38 }
39 </div>
```

# PROYECTO 3

## Blog Personal

### Clase 1: Configuración del Proyecto y Primer Componente

- Configurar el entorno Angular.
- Crear un componente `PostListComponent` para mostrar una lista de publicaciones estática.
- Agregar un botón para "Añadir publicación".

## Proyecto 3

```
RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas
$ ng new MyBlog
✔Which stylesheet format would you like to use? CSS [ https://developer.mozilla.org/docs/Web/CSS
]
✔Do you want to enable Server-Side Rendering (SSR) and Static Site Generation (SSG/Prerendering)? No
CREATE MyBlog/angular.json (2687 bytes)
CREATE MyBlog/angular.json (1030 bytes)
```

```
CREATE MyBlog/angular.json (2687 bytes)
CREATE MyBl...
CREATE MyBl RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JA
```

```
CREATE MyBl RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JA
$ ng add @angular/material
```

```
CREATE MyBl RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JA
$ ng add @angular/material
✔Determining Package Manager
```

```
$ ng add @angular/material
✔ Determining Package Manager
  › Using package manager npm.
  › Using package manager npm.
```

```

    ✓Determining Package Manager
    › Using pack RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FU
    $ ng generate component PostListComponent

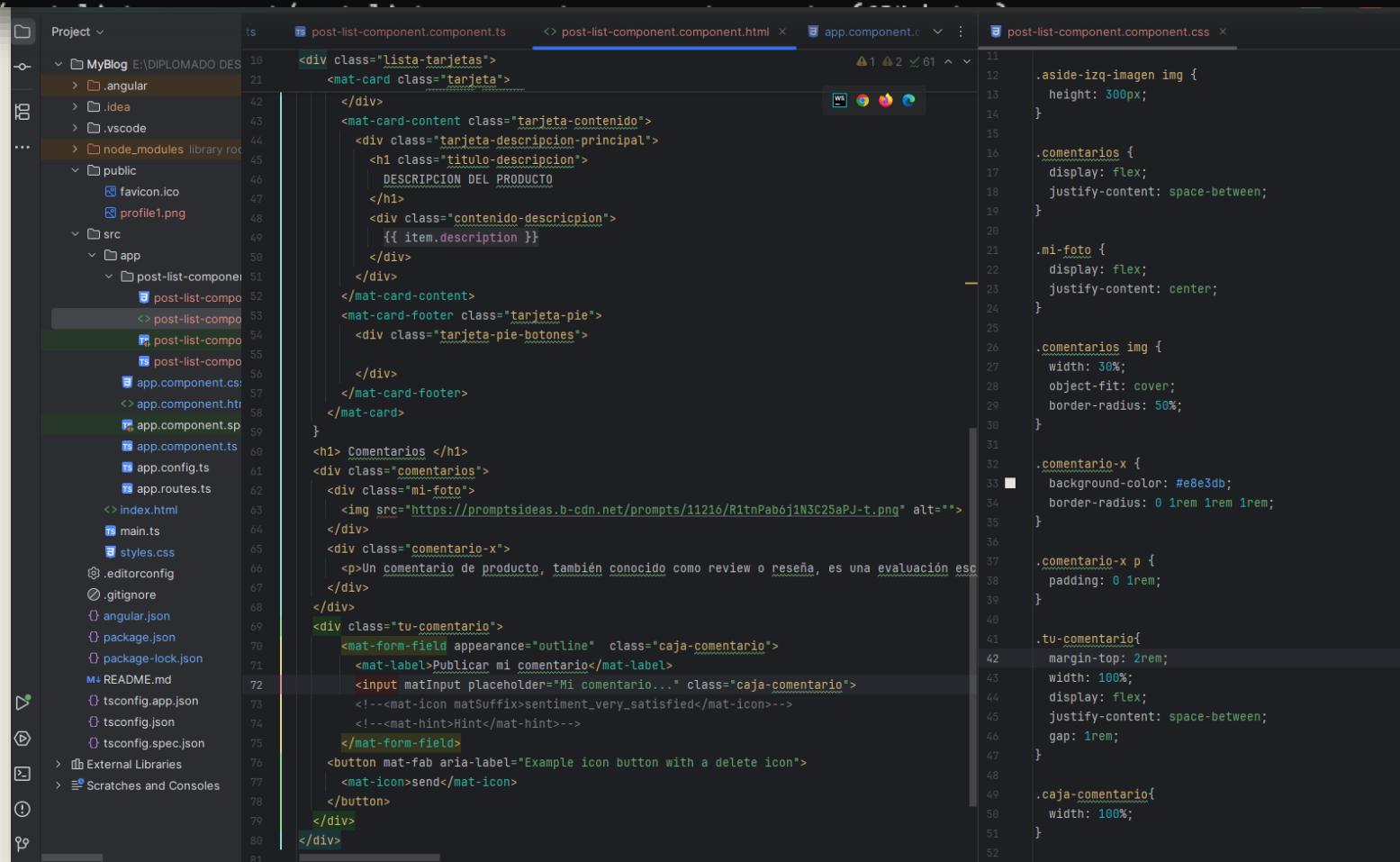
```

```
> Using pack RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FU
$ ng generate component PostListComponent
CREATE src/app/post-list-component/post-list-component
```

```
> Using pack RomSys@RomSys-PC MINGW64 /e/DIPLOMADO DESARROLLO WEB FULL STACK/2. FRAMEWORKS JAVASCRIPT/Practicas/MyBlog (master)
$ ng generate component PostListComponent
CREATE src/app/post-list-component/post-list-component.component.html (35 bytes)
```

```
$ ng generate component PostListComponent
CREATE src/app/post-list-component/post-list-component.component.html (35 bytes)
```

```
$ ng generate component PostListComponent
CREATE src/app/post-list-component/post-list-component.component.html (35 bytes)
```





# resultado

localhost:4200



## Acer SB220Q bi 21.5 inches Full HD (1920 x 1080) IPS Ultra-Thin

electronics

**\$ 599**

Calificación: 2.9 Cantidades disponibles: 250

### DESCRIPCION DEL PRODUCTO

21. 5 inches Full HD (1920 x 1080) widescreen IPS display And Radeon free Sync technology. No compatibility for VESA Mount Refresh Rate: 75Hz - Using HDMI port Zero-frame design | ultra-thin | 4ms response time | IPS panel Aspect ratio - 16: 9. Color Supported - 16. 7 million colors. Brightness - 250 nit Tilt angle -5 degree to 15 degree. Horizontal viewing angle-178 degree. Vertical viewing angle-178 degree 75 hertz

### Comentarios



Un comentario de producto, también conocido como review o reseña, es una evaluación escrita por un consumidor sobre un producto o servicio. Estos comentarios ofrecen información valiosa sobre las experiencias de otros compradores, ayudando a otros potenciales compradores a tomar decisiones informadas.

Publicar mi comentario

Mi comentario...

