

PRIMEROS PASOS CON ANGULAR

Proyecto de Computación II



15 DE FEBRERO DE 2021

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<https://github.com/victor00hs/PrimerosPasosANGULAR>

21835807

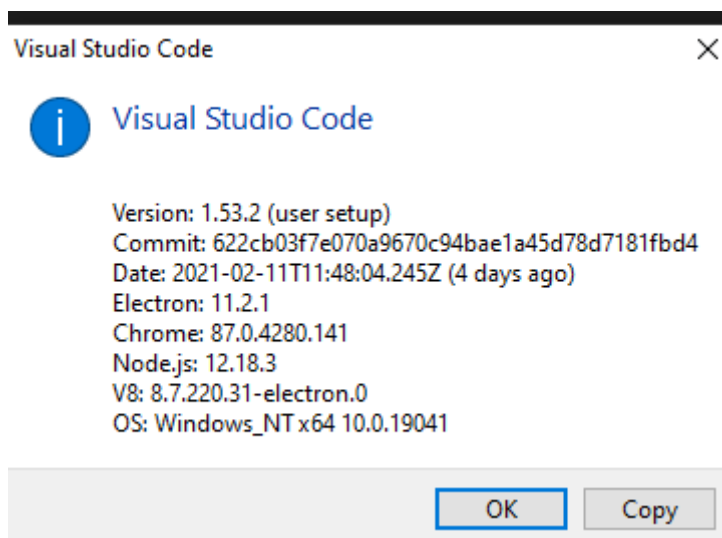
- Instalar Node y npm para poder instalar Angular

```
C:\Users\victo>npm -version  
6.14.8
```

- Se instala Angular:

```
C:\Users\victo>npm install -g @angular/cli  
npm WARN deprecated request@2.88.2: request has been deprecated, see https://github.com/request/request/issues/3142  
npm WARN deprecated har-validator@5.1.5: this library is no longer supported  
C:\Users\victo\AppData\Roaming\npm\ng -> C:\Users\victo\AppData\Roaming\npm\node_modules\@angular\cli\bin\ng  
  
> @angular/cli@11.2.0 postinstall C:\Users\victo\AppData\Roaming\npm\node_modules\@angular\cli  
> node ./bin/postinstall/script.js  
  
? Would you like to share anonymous usage data 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 http://angular.io/analytics. No  
+ @angular/cli@11.2.0  
added 238 packages from 182 contributors in 76.038s  
  
C:\Users\victo>ng v  
  
Angular CLI  
  
Angular CLI: 11.2.0  
Node: 14.15.1  
OS: win32 x64  
  
Angular:  
...  
Ivy Workspace:  
  
Package                                Version  
-----  
@angular-devkit/architect              0.1102.0 (cli-only)  
@angular-devkit/core                   11.2.0 (cli-only)  
@angular-devkit/schematics             11.2.0 (cli-only)  
@schematics/angular                   11.2.0 (cli-only)  
@schematics/update                     0.1102.0 (cli-only)
```

- Se instala VisualStudio:



- Se crea el proyecto

```
G:\VICTOR\UEM\TERCERO\Tercero_Segundo\Tercero_Segundo\PC2\Angular>ng new Prueba-angular-victor
? Do you want to enforce stricter type checking and stricter bundle budgets in the workspace?
  This setting helps improve maintainability and catch bugs ahead of time.
  For more information, see https://angular.io/strict No
? Would you like to add Angular routing? No
? Which stylesheet format would you like to use? CSS
CREATE Prueba-angular-victor/angular.json (3655 bytes)
CREATE Prueba-angular-victor/package.json (1211 bytes)
CREATE Prueba-angular-victor/README.md (1028 bytes)
CREATE Prueba-angular-victor/tsconfig.json (538 bytes)
CREATE Prueba-angular-victor/tslint.json (3185 bytes)
CREATE Prueba-angular-victor/.editorconfig (274 bytes)
CREATE Prueba-angular-victor/.gitignore (631 bytes)
CREATE Prueba-angular-victor/.browserslistrc (703 bytes)
CREATE Prueba-angular-victor/karma.conf.js (1438 bytes)
CREATE Prueba-angular-victor/tsconfig.app.json (287 bytes)
CREATE Prueba-angular-victor/tsconfig.spec.json (333 bytes)
CREATE Prueba-angular-victor/src/favicon.ico (948 bytes)
CREATE Prueba-angular-victor/src/index.html (305 bytes)
CREATE Prueba-angular-victor/src/main.ts (372 bytes)
CREATE Prueba-angular-victor/src/polyfills.ts (2830 bytes)
CREATE Prueba-angular-victor/src/styles.css (80 bytes)
CREATE Prueba-angular-victor/src/test.ts (753 bytes)
CREATE Prueba-angular-victor/src/assets/.gitkeep (0 bytes)
CREATE Prueba-angular-victor/src/environments/environment.prod.ts (51 bytes)
CREATE Prueba-angular-victor/src/environments/environment.ts (662 bytes)
CREATE Prueba-angular-victor/src/app/app.module.ts (314 bytes)
CREATE Prueba-angular-victor/src/app/app.component.html (25725 bytes)
CREATE Prueba-angular-victor/src/app/app.component.spec.ts (985 bytes)
CREATE Prueba-angular-victor/src/app/app.component.ts (225 bytes)
CREATE Prueba-angular-victor/src/app/app.component.css (0 bytes)
CREATE Prueba-angular-victor/e2e/protractor.conf.js (904 bytes)
CREATE Prueba-angular-victor/e2e/tsconfig.json (274 bytes)
CREATE Prueba-angular-victor/e2e/src/app.e2e-spec.ts (672 bytes)
CREATE Prueba-angular-victor/e2e/src/app.po.ts (274 bytes)
√ Packages installed successfully.
```

```
G:\VICTOR\UEM\TERCERO\Tercero_Segundo\Tercero_Segundo\PC2\Angular\Prueba-angular-victor>ng serve -o
Compiling @angular/core : es2015 as esm2015
Compiling @angular/common : es2015 as esm2015
Compiling @angular/platform-browser : es2015 as esm2015
Compiling @angular/platform-browser-dynamic : es2015 as esm2015
√ Browser application bundle generation complete.

Initial Chunk Files | Names | Size
vendor.js | vendor | 2.43 MB
polyfills.js | polyfills | 472.89 kB
styles.css, styles.js | styles | 346.09 kB
main.js | main | 56.39 kB
runtime.js | runtime | 6.15 kB

| Initial Total | 3.29 MB

Build at: 2021-02-15T12:59:59.285Z - Hash: 2814507ee27352ea8b1f - Time: 15557ms

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

√ Compiled successfully.
√ Browser application bundle generation complete.

Initial Chunk Files | Names | Size
styles.css, styles.js | styles | 346.09 kB

4 unchanged chunks

Build at: 2021-02-15T13:00:00.893Z - Hash: fef4a2d1b3c056934ba7 - Time: 1121ms

√ Compiled successfully.
```

- Se instala Bootstrap:

```
C:\Users\victo>npm install bootstrap jquery @popperjs/core
npm WARN saveError ENOENT: no such file or directory, open 'C:\Users\victo\package.json'
npm notice created a lockfile as package-lock.json. You should commit this file.
npm WARN ENOENT ENOENT: no such file or directory, open 'C:\Users\victo\package.json'
npm WARN bootstrap@4.6.0 requires a peer of popper.js@^1.16.1 but none is installed. You must install peer dependencies yourself.
npm WARN victo No description
npm WARN victo No repository field.
npm WARN victo No README data
npm WARN victo No license field.

+ bootstrap@4.6.0
+ jquery@3.5.1
+ @popperjs/core@2.6.0
added 3 packages from 4 contributors and audited 3 packages in 2.24s

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

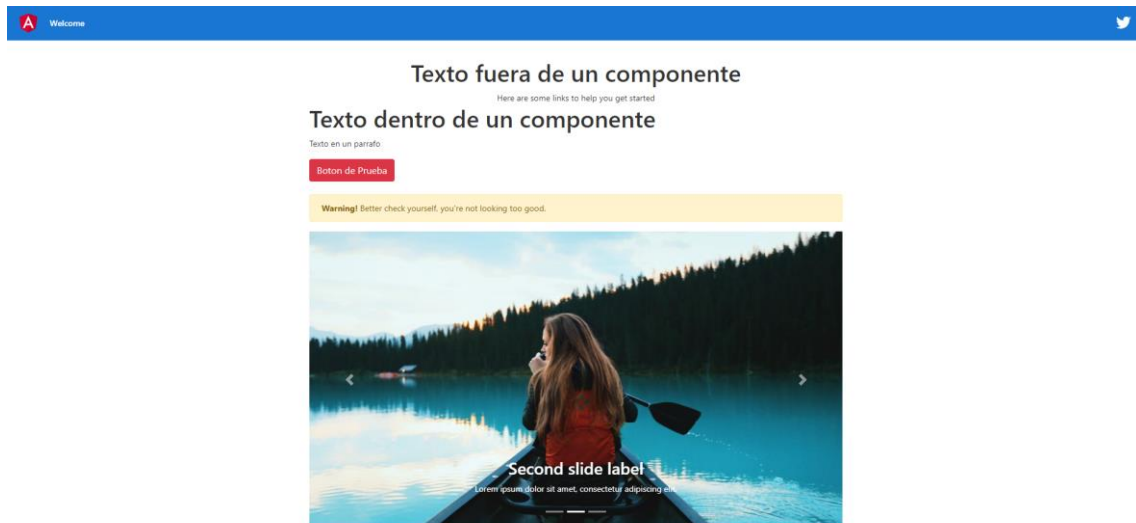
found 0 vulnerabilities
```

```
G:\VICTOR\UEM\TERCERO\Tercero_Segundo\Tercero_Segundo\PC2\Angular\Prueba-angular-victor>ng add @ng-bootstrap/ng-bootstrap
p --project Prueba-angular-victor
Using package manager: npm
Found compatible package version: @ng-bootstrap/ng-bootstrap@9.0.2.
Package information loaded.
Package successfully installed.
UPDATE package.json (1317 bytes)
Packages installed successfully.
UPDATE src/app/app.module.ts (385 bytes)
UPDATE angular.json (3722 bytes)
UPDATE src/polyfills.ts (3059 bytes)
```

- Se crea el componente

```
G:\VICTOR\UEM\TERCERO\Tercero_Segundo\Tercero_Segundo\PC2\Angular\Prueba-angular-victor>ng generate component componente1
CREATE src/app/componente1/componente1.component.html (26 bytes)
CREATE src/app/componente1/componente1.component.spec.ts (661 bytes)
CREATE src/app/componente1/componente1.component.ts (295 bytes)
CREATE src/app/componente1/componente1.component.css (0 bytes)
UPDATE src/app/app.module.ts (487 bytes)
```

Pagina:



- Código:

The screenshot shows the Visual Studio Code editor interface. On the left, the Explorer sidebar displays the project structure, including a workspace named 'Prueba-angular-victor' and a component named 'componente1'. The main editor area shows the 'componente1.component.html' file, which contains HTML code for a carousel. The code includes a button, an alert, and a carousel with three slides. The first slide has a caption 'First slide label' and the second slide has a caption 'Second slide label'. The third slide has a caption 'Third slide label'. The carousel is styled with 'ngb-carousel' and 'ng-template' directives. The terminal at the bottom shows the PowerShell prompt and the command 'PS G:\VICTOR\UEM\Tercero_Segundo\Tercero_Segundo\PC2\Angular>'. A notification bubble is visible over the first slide of the carousel.

```
1 <h1> Texto dentro de un componente </h1>
2 <p> Texto en un parrafo </p>
3 <button class="btn btn-danger"> Boton de Prueba </button>
4 <!-- Alert -->
5 <p> <br>
6 <ngb-alert [dismissible]="false">
7   <strong>Warning!</strong> Better check yourself, you're not looking too good.
8 </ngb-alert></p>
9 <!-- Carousel -->
10 <ngb-carousel *ngIf="images">
11   <ng-template ngbSlide>
12     <div class="picsum-img-wrapper">
13       <img [src]="images[0]" alt="Random first slide" />
14     </div>
15     <div class="carousel-caption">
16       <h3>First slide label</h3>
17     <p>Nulla vitae elit libero, a pharetra augue mollis interdum.</p>
18   </div>
19 </ng-template>
20 <ng-template ngbSlide>
21   <div class="picsum-img-wrapper">
22     <img [src]="images[1]" alt="Random second slide" />
23   </div>
24   <div class="carousel-caption">
25     <h3>Second slide label</h3>
26     <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>
27   </div>
28 </ng-template>
29 <ng-template ngbSlide>
30   <div class="picsum-img-wrapper">
31     <img [src]="images[2]" alt="Random third slide" />
32   </div>
33   <div class="carousel-caption">
34     <h3>Third slide label</h3>
35     <p>Praesent commodo cursus magna, vel scelerisque nisl consectetur.</p>
36   </div>
37 </ng-template>
38 </ngb-carousel>
```