```
npm                                                                          ─  □  ✕

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C:\WINDOWS\system32>node -v
v8.12.0

C:\WINDOWS\system32>npm install -g @angular/cli
[..................] - fetchMetadata: sill resolveWithNewModule rxjs@6.3.3 checking installable status
```

```
Administrador: Símbolo del sistema                                           ─  □  ✕

Microsoft Windows [Versión 10.0.17134.345]
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C:\WINDOWS\system32>node -v
v8.12.0

C:\WINDOWS\system32>npm install -g @angular/cli
C:\Users\Beto-\AppData\Roaming\npm\ng -> C:\Users\Beto-\AppData\Roaming\npm\node_modules\@angular\cli\bin\ng
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node_modules\@angular\cli\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.4: wanted {"os":"darwin","arch":"any
"} (current: {"os":"win32","arch":"x64"})

+ @angular/cli@7.0.5
added 265 packages from 205 contributors in 224.063s

C:\WINDOWS\system32>
```

```
Administrador: Símbolo del sistema                                           ─  □  ✕

added 265 packages from 205 contributors in 224.063s

C:\WINDOWS\system32>ng --version


    Angular CLI


Angular CLI: 7.0.5
Node: 8.12.0
OS: win32 x64
Angular:
...

Package                     Version
------------------------------------------------------
@angular-devkit/architect   0.10.5
@angular-devkit/core        7.0.5
@angular-devkit/schematics  7.0.5
@schematics/angular         7.0.5
@schematics/update          0.10.5
rxjs                        6.3.3
typescript                  3.1.6

C:\WINDOWS\system32>
```

```
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C:\Users\Beto->cd desktop

C:\Users\Beto-\Desktop>cd desafio jesus mogollon
El sistema no puede encontrar la ruta especificada.

C:\Users\Beto-\Desktop>cd Desafio Jesus Mogollon
El sistema no puede encontrar la ruta especificada.

C:\Users\Beto-\Desktop>cd desafio  jesus mogollon

C:\Users\Beto-\Desktop\desafio   jesus mogollon>ng new desafio1
? Would you like to add Angular routing? Yes
? Which stylesheet format would you like to use?
> CSS
  SCSS   [ http://sass-lang.com   ]
  SASS   [ http://sass-lang.com   ]
  LESS   [ http://lesscss.org     ]
  Stylus [ http://stylus-lang.com ]
```

```
C:\Users\Beto-\Desktop\desafio  jesus mogollon>ng new desafio1
? Would you like to add Angular routing? Yes
? Which stylesheet format would you like to use? CSS
CREATE desafio1/angular.json (3786 bytes)
CREATE desafio1/package.json (1315 bytes)
CREATE desafio1/README.md (1025 bytes)
CREATE desafio1/tsconfig.json (408 bytes)
CREATE desafio1/tslint.json (2837 bytes)
CREATE desafio1/.editorconfig (245 bytes)
CREATE desafio1/.gitignore (503 bytes)
CREATE desafio1/src/favicon.ico (5430 bytes)
CREATE desafio1/src/index.html (295 bytes)
CREATE desafio1/src/main.ts (372 bytes)
CREATE desafio1/src/polyfills.ts (3234 bytes)
CREATE desafio1/src/test.ts (642 bytes)
CREATE desafio1/src/styles.css (80 bytes)
CREATE desafio1/src/browserslist (388 bytes)
CREATE desafio1/src/karma.conf.js (964 bytes)
CREATE desafio1/src/tsconfig.app.json (166 bytes)
CREATE desafio1/src/tsconfig.spec.json (256 bytes)
CREATE desafio1/src/tslint.json (314 bytes)
CREATE desafio1/src/assets/.gitkeep (0 bytes)
CREATE desafio1/src/environments/environment.prod.ts (51 bytes)
CREATE desafio1/src/environments/environment.ts (662 bytes)
CREATE desafio1/src/app/app-routing.module.ts (245 bytes)
CREATE desafio1/src/app/app.module.ts (393 bytes)
CREATE desafio1/src/app/app.component.html (1173 bytes)
CREATE desafio1/src/app/app.component.spec.ts (1101 bytes)
CREATE desafio1/src/app/app.component.ts (212 bytes)
CREATE desafio1/src/app/app.component.css (0 bytes)
```

```
CREATE desafio1/README.md (1025 bytes)
CREATE desafio1/tsconfig.json (408 bytes)
CREATE desafio1/tslint.json (2837 bytes)
CREATE desafio1/.editorconfig (245 bytes)
CREATE desafio1/.gitignore (503 bytes)
CREATE desafio1/src/favicon.ico (5430 bytes)
CREATE desafio1/src/index.html (295 bytes)
CREATE desafio1/src/main.ts (372 bytes)
CREATE desafio1/src/polyfills.ts (3234 bytes)
CREATE desafio1/src/test.ts (642 bytes)
CREATE desafio1/src/styles.css (80 bytes)
CREATE desafio1/src/browserslist (388 bytes)
CREATE desafio1/src/karma.conf.js (964 bytes)
CREATE desafio1/src/tsconfig.app.json (166 bytes)
CREATE desafio1/src/tsconfig.spec.json (256 bytes)
CREATE desafio1/src/tslint.json (314 bytes)
CREATE desafio1/src/assets/.gitkeep (0 bytes)
CREATE desafio1/src/environments/environment.prod.ts (51 bytes)
CREATE desafio1/src/environments/environment.ts (662 bytes)
CREATE desafio1/src/app/app-routing.module.ts (245 bytes)
CREATE desafio1/src/app/app.module.ts (393 bytes)
CREATE desafio1/src/app/app.component.html (1173 bytes)
CREATE desafio1/src/app/app.component.spec.ts (1101 bytes)
CREATE desafio1/src/app/app.component.ts (212 bytes)
CREATE desafio1/src/app/app.component.css (0 bytes)
CREATE desafio1/e2e/protractor.conf.js (752 bytes)
CREATE desafio1/e2e/tsconfig.e2e.json (213 bytes)
CREATE desafio1/e2e/src/app.e2e-spec.ts (304 bytes)
CREATE desafio1/e2e/src/app.po.ts (208 bytes)
[ ................] - fetchMetadata: sill pacote range manifest for tslint@~5.11.0 fetched in 736ms
```

npm

CREATE desafio1/src/index.html (295 bytes)
CREATE desafio1/src/main.ts (372 bytes)
CREATE desafio1/src/polyfills.ts (3234 bytes)
CREATE desafio1/src/test.ts (642 bytes)
CREATE desafio1/src/styles.css (80 bytes)
CREATE desafio1/src/browserslist (388 bytes)
CREATE desafio1/src/karma.conf.js (964 bytes)
CREATE desafio1/src/tsconfig.app.json (166 bytes)
CREATE desafio1/src/tsconfig.spec.json (256 bytes)
CREATE desafio1/src/tslint.json (314 bytes)
CREATE desafio1/src/assets/.gitkeep (0 bytes)
CREATE desafio1/src/environments/environment.prod.ts (51 bytes)
CREATE desafio1/src/environments/environment.ts (662 bytes)
CREATE desafio1/src/app/app-routing.module.ts (245 bytes)
CREATE desafio1/src/app/app.module.ts (393 bytes)
CREATE desafio1/src/app/app.component.html (1173 bytes)
CREATE desafio1/src/app/app.component.spec.ts (1101 bytes)
CREATE desafio1/src/app/app.component.ts (212 bytes)
CREATE desafio1/src/app/app.component.css (0 bytes)
CREATE desafio1/e2e/protractor.conf.js (752 bytes)
CREATE desafio1/e2e/tsconfig.e2e.json (213 bytes)
CREATE desafio1/e2e/src/app.e2e-spec.ts (304 bytes)
CREATE desafio1/e2e/src/app.po.ts (208 bytes)
npm WARN deprecated circular-json@0.5.9: CircularJSON is in maintenance only, flatted is its successor.

> node-sass@4.9.3 install C:\Users\Beto-\Desktop\desafio jesus mogollon\desafio1\node_modules\node-sass
> node scripts/install.js

Downloading binary from https://github.com/sass/node-sass/releases/download/v4.9.3/win32-x64-57_binding.node
[..........] - :

npm

CREATE desafio1/e2e/protractor.conf.js (752 bytes)
CREATE desafio1/e2e/tsconfig.e2e.json (213 bytes)
CREATE desafio1/e2e/src/app.e2e-spec.ts (304 bytes)
CREATE desafio1/e2e/src/app.po.ts (208 bytes)
npm WARN deprecated circular-json@0.5.9: CircularJSON is in maintenance only, flatted is its successor.

> node-sass@4.9.3 install C:\Users\Beto-\Desktop\desafio jesus mogollon\desafio1\node_modules\node-sass
> node scripts/install.js

Downloading binary from https://github.com/sass/node-sass/releases/download/v4.9.3/win32-x64-57_binding.node
Download complete   ] - :
Binary saved to C:\Users\Beto-\Desktop\desafio jesus mogollon\desafio1\node_modules\node-sass\vendor\win32-x64-57\bindi
ng.node
Caching binary to C:\Users\Beto-\AppData\Roaming\npm-cache\node-sass\4.9.3\win32-x64-57_binding.node

> node-sass@4.9.3 postinstall C:\Users\Beto-\Desktop\desafio jesus mogollon\desafio1\node_modules\node-sass
> node scripts/build.js

Binary found at C:\Users\Beto-\Desktop\desafio jesus mogollon\desafio1\node_modules\node-sass\vendor\win32-x64-57\bindi
ng.node
Testing binary
Binary is fine
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.4: wanted {"os":"darwin","arch":"any
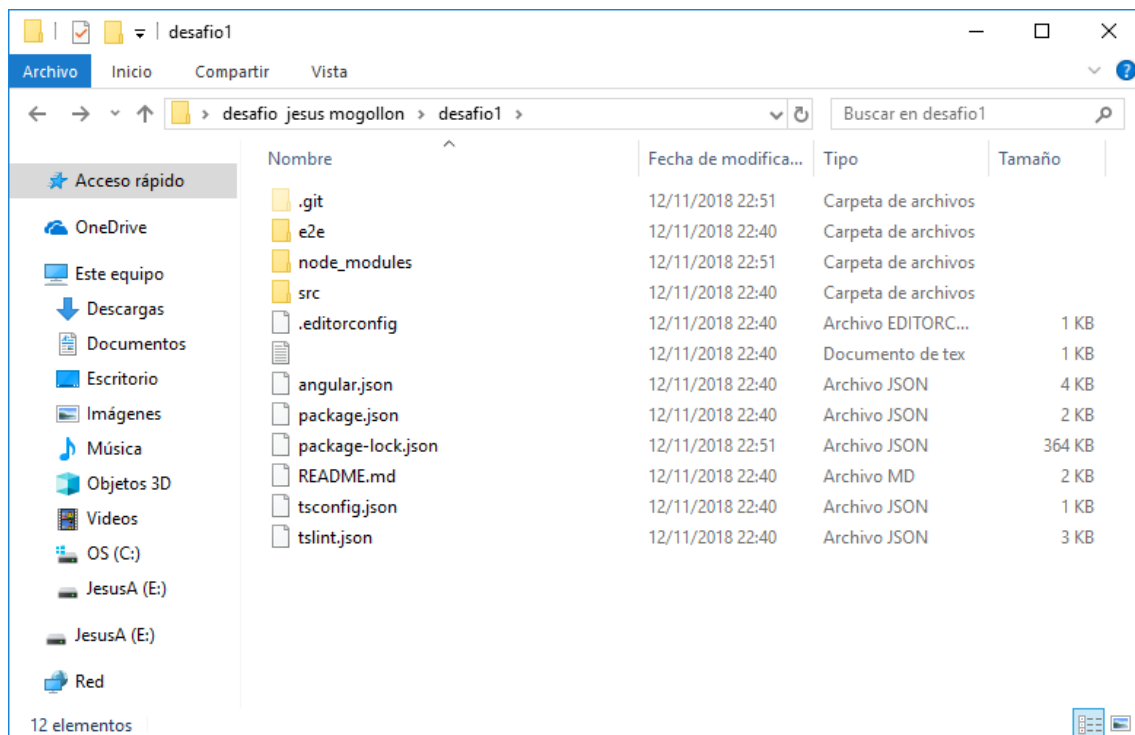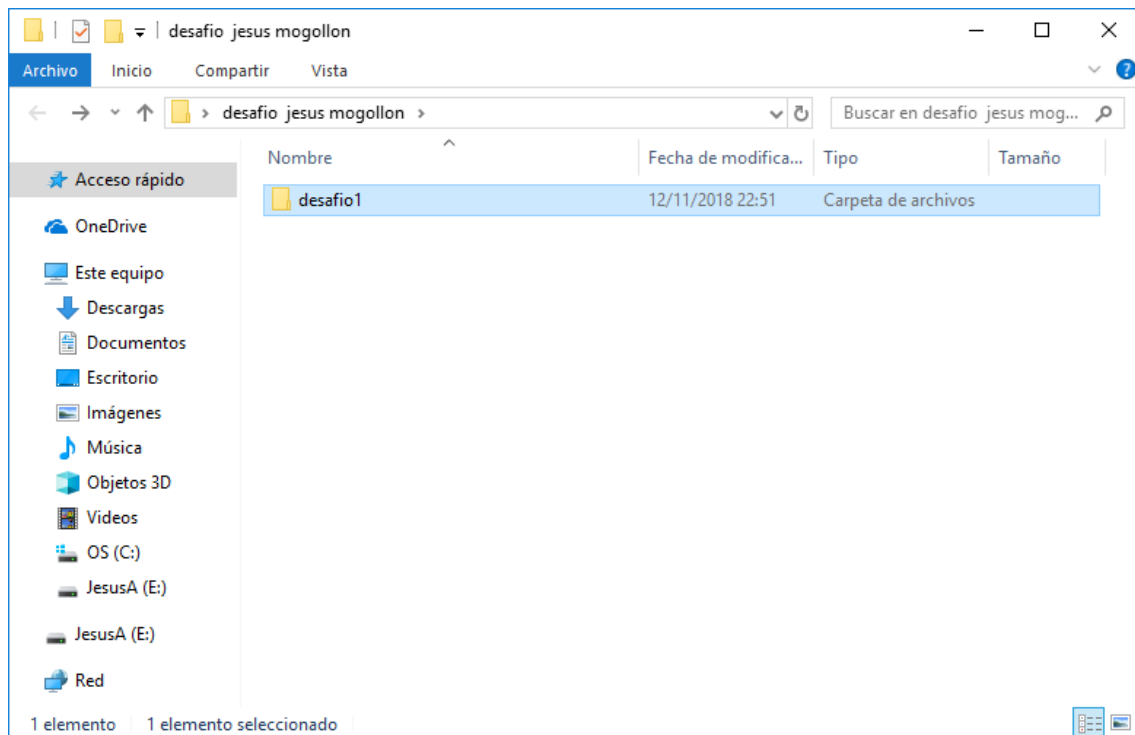"} (current: {"os":"win32","arch":"x64"})

added 1095 packages from 1163 contributors and audited 39132 packages in 636.04s
found 0 vulnerabilities

[.....] \ prepare:desafio1: sill install printInstalled

Símbolo del sistema

The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/environments/environment.prod.ts.
The file will have its original line endings in your working directory.
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/karma.conf.js.
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 src/tsconfig.app.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/tsconfig.spec.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/tslint.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 tslint.json.
The file will have its original line endings in your working directory.
    Successfully initialized git.

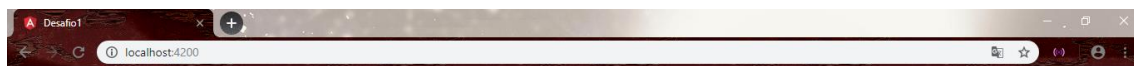C:\Users\Beto-\Desktop\desafio jesus mogollon>

```
ng serve                                                    —  □  ×
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C:\Users\Beto->cd desktop

C:\Users\Beto-\Desktop>cd desafio1

C:\Users\Beto-\Desktop\desafio1>ng serve
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

Date: 2018-11-15T15:25:28.198Z
Hash: 7c964cbcf54150013a9c
Time: 22671ms
chunk {main} main.js, main.js.map (main) 12.7 kB [initial] [rendered]
chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 223 kB [initial] [rendered]
chunk {runtime} runtime.js, runtime.js.map (runtime) 6.08 kB [entry] [rendered]
chunk {styles} styles.js, styles.js.map (styles) 16.2 kB [initial] [rendered]
chunk {vendor} vendor.js, vendor.js.map (vendor) 3.55 MB [initial] [rendered]
i ｢wdm｣: Compiled successfully.
```


Welcome to desafio1!

Here are some links to help you start:

- **Tour of Heroes**
- **CLI Documentation**
- **Angular blog**


```
ng serve                                                    —  □  ×
 95% emitting CopyPlugin i ｢wdm｣: wait until bundle finished: /
Date: 2018-11-15T16:02:33.234Z - Hash: 418f1acd65cde52776b9 - Time: 31458ms
4 unchanged chunks
chunk {main} main.js, main.js.map (main) 12.8 kB [initial] [rendered]
i ｢wdm｣: Compiled successfully.
i ｢wdm｣: Compiling...

Date: 2018-11-15T16:02:54.495Z - Hash: 13cc81495637771cc082 - Time: 501ms
4 unchanged chunks
chunk {main} main.js, main.js.map (main) 12.7 kB [initial] [rendered]
i ｢wdm｣: Compiled successfully.
i ｢wdm｣: Compiling...

Date: 2018-11-15T16:05:32.883Z - Hash: db77ddcc133e5c6e2f84 - Time: 482ms
4 unchanged chunks
chunk {main} main.js, main.js.map (main) 12.3 kB [initial] [rendered]
i ｢wdm｣: Compiled successfully.
i ｢wdm｣: Compiling...

Date: 2018-11-15T16:06:00.011Z - Hash: b50c36370f593c86a9a8 - Time: 425ms
4 unchanged chunks
chunk {main} main.js, main.js.map (main) 12.3 kB [initial] [rendered]
i ｢wdm｣: Compiled successfully.
i ｢wdm｣: Compiling...

Date: 2018-11-15T16:06:06.517Z - Hash: 58570d23353d866de78c - Time: 223ms
4 unchanged chunks
chunk {main} main.js, main.js.map (main) 12.3 kB [initial] [rendered]
i ｢wdm｣: Compiled successfully.
i ｢wdm｣: Compiling...
```
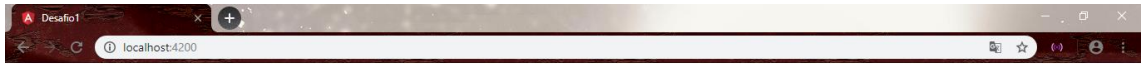
Productos Servicios Contactos Soporte

Datos del Alumno

Nombre=Jesus Mogollon

Cedula=24925340

Correo=beto-barca10@hotmail.com

Desafio 1=100

Desafio 2=85

Desafio 3=95

Desafio 4=100

Examen=90