Práctica 04 - ANGULAR

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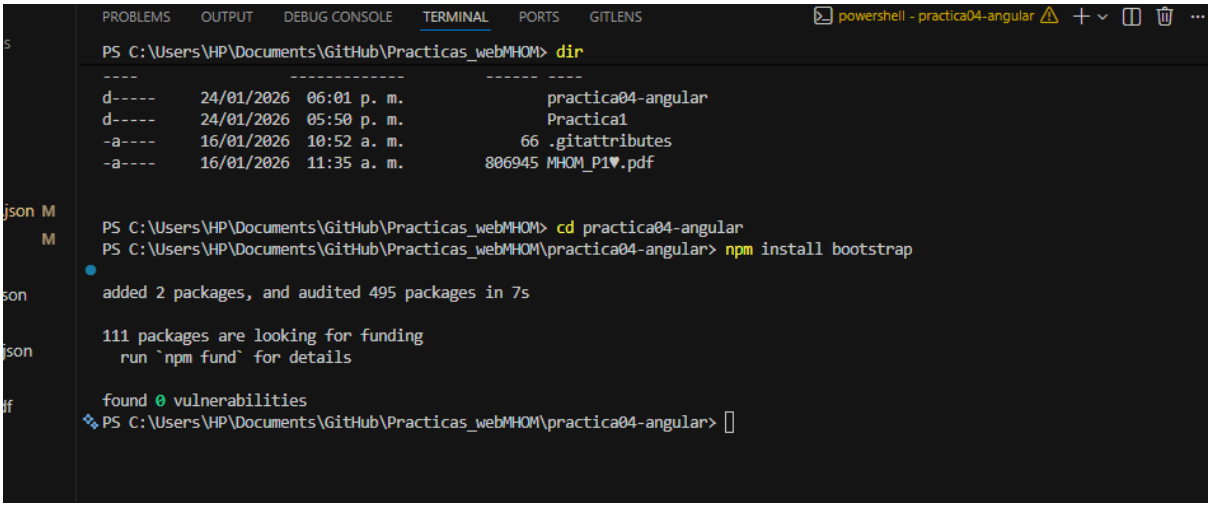
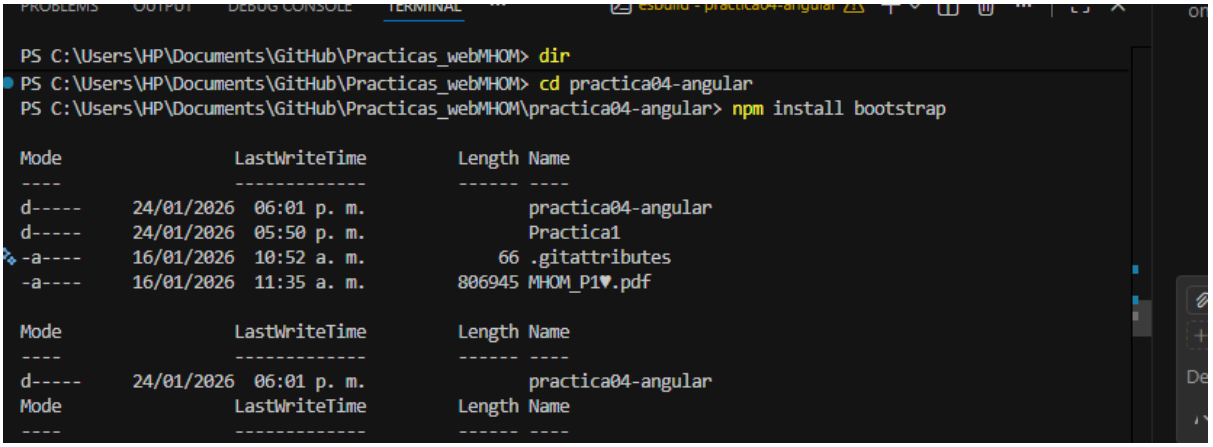
Asignatura: Aplicaciones Web

Profesora:Diana Xochitl Ruano

22/01/2026 - Tiid 04_01


PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS
powershell - practica04-angular
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM> dir
d----- 24/01/2026 06:01 p. m. practica04-angular
d----- 24/01/2026 05:50 p. m. Practica1
-a---- 16/01/2026 10:52 a. m. 66 .gitattributes
-a---- 16/01/2026 11:35 a. m. 806945 MHOM_P1♥.pdf
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM> cd practica04-angular
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> npm install bootstrap
added 2 packages, and audited 495 packages in 7s
111 packages are looking for funding
run `npm fund` for details
found 0 vulnerabilities
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>


PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM> dir
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM> cd practica04-angular
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> npm install bootstrap
Mode LastWriteTime Length Name
d----- 24/01/2026 06:01 p. m. practica04-angular
d----- 24/01/2026 05:50 p. m. Practica1
-a---- 16/01/2026 10:52 a. m. 66 .gitattributes
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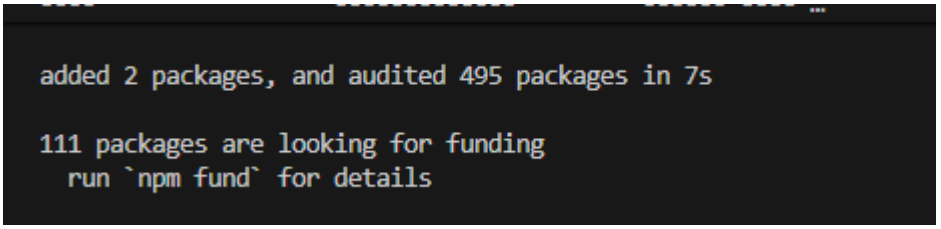

added 2 packages, and audited 495 packages in 7s
111 packages are looking for funding
run `npm fund` for details

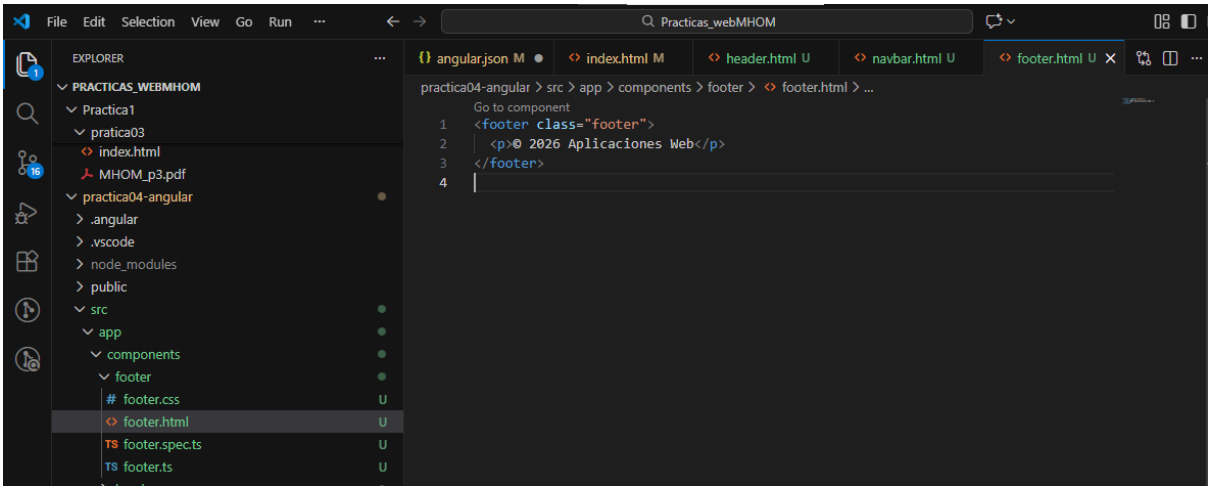
```
found 0 vulnerabilities
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> ng serve

Would you like to share pseudonymous 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.dev/cli/analytics.

   Yes

Thank you for sharing pseudonymous 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 bundles
Initial chunk files  | Names           |  Raw size
main.js              | main            |  48.48 kB |
styles.css           | styles          |  95 bytes |

                     | Initial total   |  48.58 kB


Server bundles
```

```
----                 -------------       ------ ---- …
styles.css           | styles          |  95 bytes |

                     | Initial total   |  48.58 kB


Server bundles
Initial chunk files  | Names           |  Raw size
main.server.mjs      | main.server     |  49.75 kB |
server.mjs           | server          |   1.81 kB |
polyfills.server.mjs | polyfills.server | 243 bytes |

Application bundle generation complete. [4.776 seconds] - 2026-01-26T21:48:22.584Z

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

```
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> ^C
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> ng generate component components/header
>>
CREATE src/app/components/header/header.spec.ts (554 bytes)
CREATE src/app/components/header/header.ts (197 bytes)
CREATE src/app/components/header/header.css (0 bytes)
CREATE src/app/components/header/header.html (22 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
```

```
CREATE src/app/components/navbar/navbar.spec.ts (554 bytes)
CREATE src/app/components/navbar/navbar.ts (197 bytes)
CREATE src/app/components/navbar/navbar.css (0 bytes)
CREATE src/app/components/navbar/navbar.html (22 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
```

```
CREATE src/app/components/footer/footer.spec.ts (554 bytes)
CREATE src/app/components/footer/footer.ts (197 bytes)
CREATE src/app/components/footer/footer.css (0 bytes)
CREATE src/app/components/footer/footer.html (22 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
You, 20 minutes ago  hassielon (20 minutes ago)  Ln 34, Col 44  Spaces: 2  UTF-8
```




```html
<header class="header">
  <h1>El sitio ma' duro</h1>
</header>
```

```html
<nav class="navbar">
  <a href="#">Inicio</a>
  <a href="#">Servicios</a>
  <a href="#">Contacto</a>
</nav>
```

```
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> ng generate component pages/home
CREATE src/app/pages/home/home.spec.ts (540 bytes)
CREATE src/app/pages/home/home.ts (189 bytes)
CREATE src/app/pages/home/home.css (0 bytes)
CREATE src/app/pages/home/home.html (20 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> ng generate component pages/contact
CREATE                                                    t.spec.ts (561 bytes)
CREATE                                                    t.ts (201 bytes)
CREATE src/app/pages/contact/contact.css (0 bytes)
CREATE src/app/pages/contact/contact.html (23 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular> ng generate component pages/listado
CREATE src/app/pages/listado/listado.spec.ts (561 bytes)
CREATE src/app/pages/listado/listado.ts (201 bytes)
CREATE src/app/pages/listado/listado.css (0 bytes)
CREATE src/app/pages/listado/listado.html (23 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04-angular>
```

Open file in editor (ctrl + click)

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  ...   powershell - practica04_1-angular
CREATE src/app/components/footer/footer.html (22 bytes)
CREATE src/app/pages/home/home.html (20 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04_1-angular> ng generate component pages/contact
CREATE src/app/pages/contact/contact.spec.ts (561 bytes)
CREATE src/app/pages/contact/contact.ts (201 bytes)
CREATE src/app/pages/contact/contact.css (0 bytes)
CREATE src/app/pages/contact/contact.html (23 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04_1-angular> ng generate component pages/listado
CREATE src/app/pages/listado/listado.spec.ts (561 bytes)
CREATE src/app/pages/listado/listado.ts (201 bytes)
CREATE src/app/pages/listado/listado.css (0 bytes)
CREATE src/app/pages/listado/listado.html (23 bytes)
PS C:\Users\HP\Documents\GitHub\Practicas_webMHOM\practica04_1-angular> router-outlet
```

Angular

Hello, practica0_4-angular

Congratulations! Your app is running.

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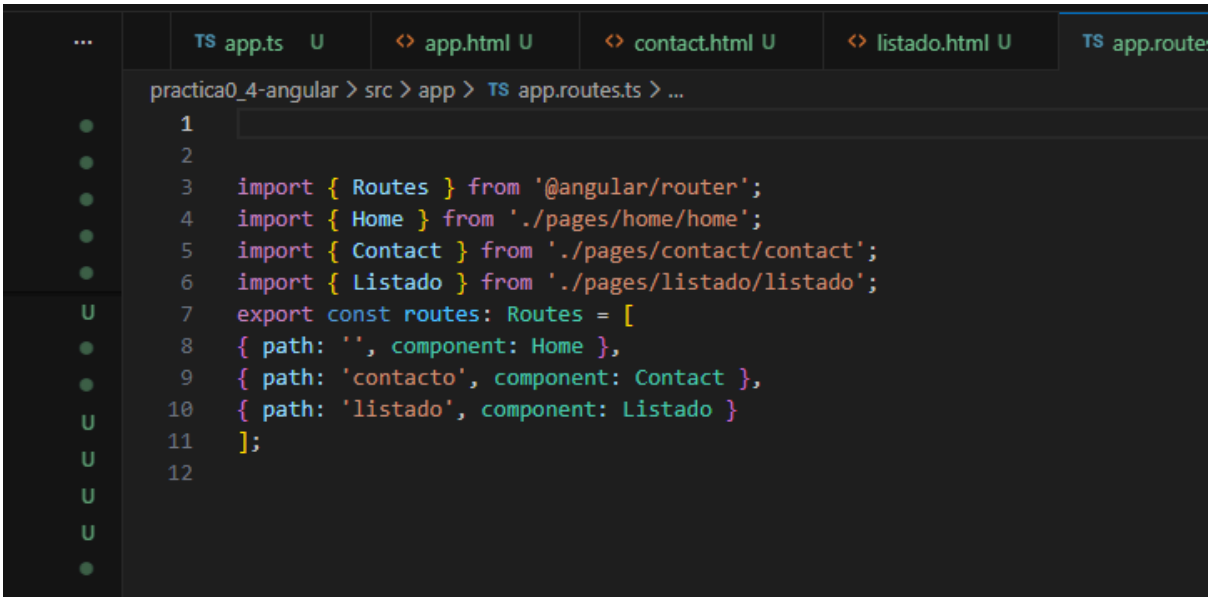
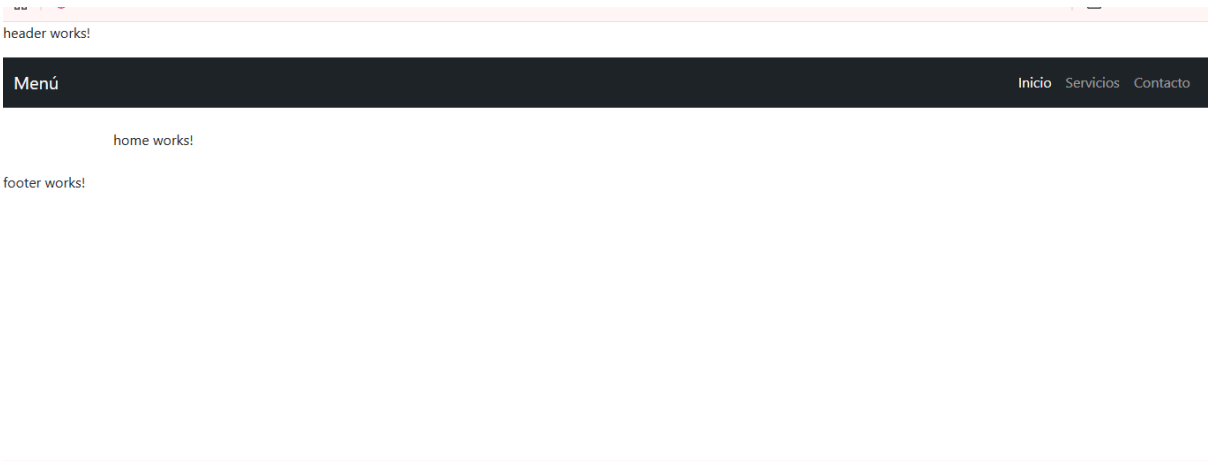
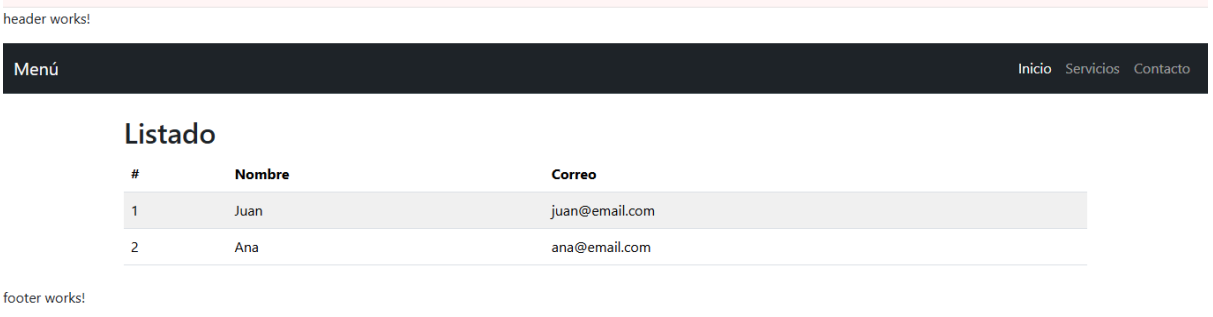
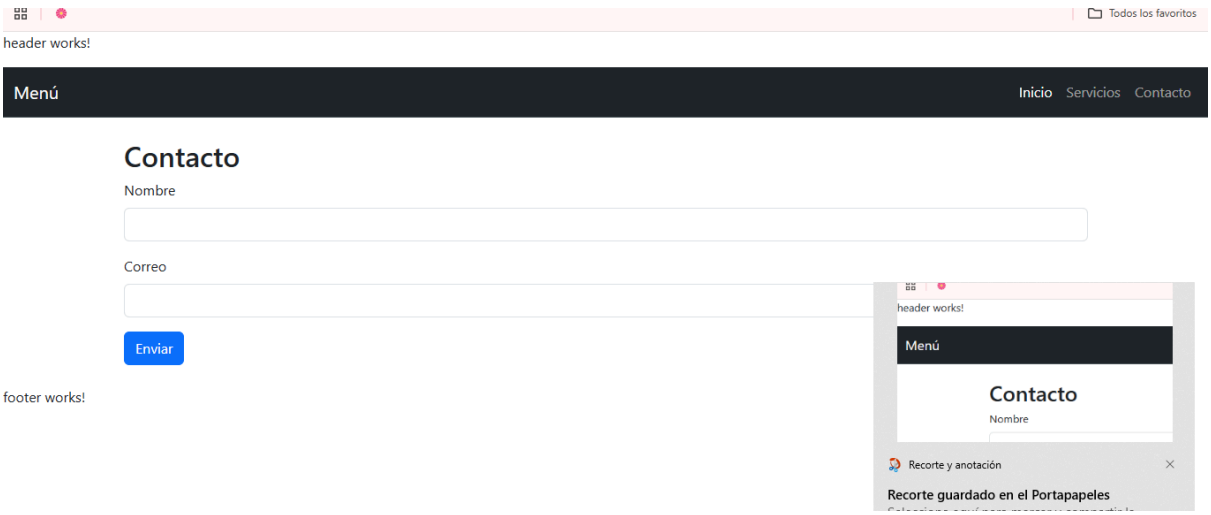
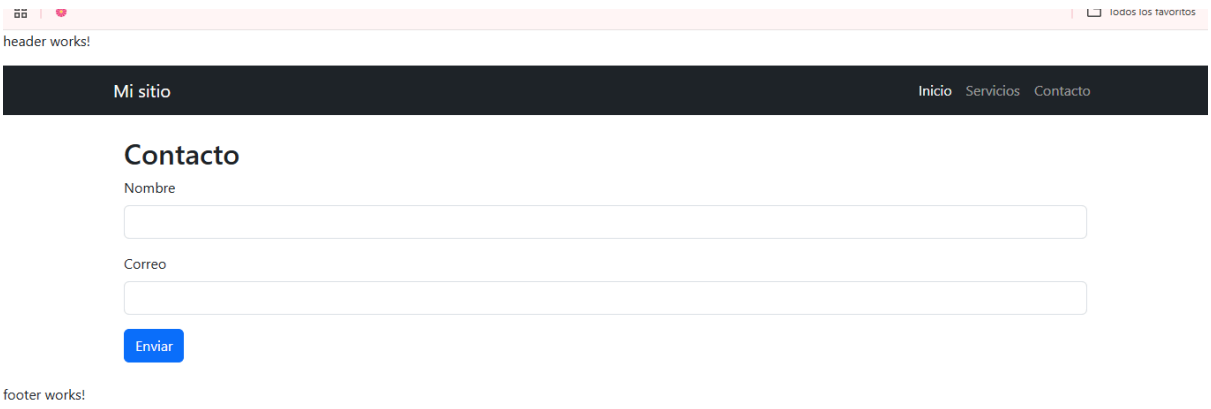

app.ts U
app.html U
contact.html U
listado.html U
app.route
practica0_4-angular > src > app > app.routes.ts > ...
1
2
3 import { Routes } from '@angular/router';
4 import { Home } from './pages/home/home';
5 import { Contact } from './pages/contact/contact';
6 import { Listado } from './pages/listado/listado';
7 export const routes: Routes = [
8 { path: '', component: Home },
9 { path: 'contacto', component: Contact },
10 { path: 'listado', component: Listado }
11];
12


header works!
Menú
Inicio Servicios Contacto
home works!
footer works!


header works!
Menú
Inicio Servicios Contacto
Listado
Nombre Correo
1 Juan juan@email.com
2 Ana ana@email.com
footer works!






```
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
  <div class="container">
    <a class="navbar-brand" href="#">Mi sitio</a>
    <div class="navbar-nav">
      <a class="nav-link active" routerLink="./home">Inicio</a>
      <a class="nav-link" routerLink="./listado">Servicios</a>
      <a class="nav-link" routerLink="./contacto">Contacto</a>
    </div>
  </div>
</nav>
```

angular.json U | navbar.html U | navbar.ts U | app.routes.ts U

practica0_4-angular > src > app > components > navbar > navbar.ts > Navbar

```ts
import { Component } from '@angular/core';
import { RouterLink } from '@angular/router';

@Component({
  selector: 'app-navbar',
  imports: [RouterLink],
  templateUrl: './navbar.html',
  styleUrl: './navbar.css',
})
export class Navbar {

}

```

Marlon Hassiel Orellana Miranda UPP

Mi sitio | Inicio | Servicios | Contacto

home works!

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Listado

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2	Ana	ana@email.com

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Marlon Hassiel Orellana Miranda UPP

Mi sitio

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Contacto

Nombre

Correo

Enviar

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localhost:4200/contacto