

Main Modal:

```
import { Component } from '@angular/core';
import { CommonModule } from '@angular/common';

@Component({
  selector: 'app-main',
  imports: [CommonModule],
  templateUrl: './main.html',
  styleUrls: ['./main.css'],
})
export class Main {
  public imagenesFruit: { name: string; img: string }[] = [
    {name: 'Platanos', img: 'https://static.eldiario.es/clip/...'},
    {name: 'Kiwis', img: 'https://enfriado.es/wp-content/uploads/...'},
    {name: 'Manzanas', img: 'https://images.unsplash.com/photo-...'},
    {name: 'Peras', img: 'https://farmaciaberbera.es/blog/wp-content/uploads/...'}
  ];

  public imagenesVegetable: { name: string; img: string }[] = [
    {name: 'Lechuga', img: 'https://www.lavanguardia.com/...'},
    {name: 'Tomate', img: 'https://e00-elmundo.uecdn.es/...'},
    {name: 'Berenjena', img: 'https://estaticos-cdn.prensaiberica.es/...'},
    {name: 'Cebolla', img: 'https://imagenes.20minutos.es/...'}
  ];

  public text: string[] = ['modal', 'modal show-modal'];
  public test: string = this.text[0];
  nameSelected: string = '';
  imgSelected: string = '';

  onClickModal(nombre: string, image: string): void {
    this.nameSelected = nombre;
    this.imgSelected = image;
    this.test = this.text[1];
  }

  onClickClose(): void {
    this.test = this.text[0];
  }
}

<main class="content">
  <section>
    <div class="grid">
      <!-- Fotos para cards -->
      https://www.lavanguardia.com/files/og_thumbnail/uploads/2021/03/05/60421be64918d.jpeg
      https://e00-elmundo.uecdn.es/assets/multimedia/imagenes/2024/03/07/17098165627875.jpg
      https://estaticos-cdn.prensaiberica.es/clip/7d08691e-bb82-4540-ad4f-51dc14f8d23b_16-9-aspect-ratio_default_0.jpg
      https://imagenes.20minutos.es/files/image_1920_1080/uploads/imagenes/2023/10/02/morada-blanca-charlota-para-que-se-utiliza-cada-tipo-de-fruta-16-9-aspect-ratio_default_0.jpg
      <br>

      @for(fruit of imagenesFruit; track $index) {
        <div (click)="onClickModal(fruit.name, fruit.img)" [ngStyle]="{{'background-image': 'url(' + fruit.img + ')'}}" class="card">
          <div class="photo">
            <div class="title">{{fruit.name}}</div>
          </div>
        </div>
      }
    </div>
    <div class="grid">
      @for(vegetal of imagenesVegetable; track $index) {
        <div (click)="onClickModal(vegetal.name, vegetal.img)" [ngStyle]="{{'background-image': 'url(' + vegetal.img + ')'}}" class="card">
          <div class="photo">
            <div class="title">{{vegetal.name}}</div>
          </div>
        </div>
      }
    </div>
  </section>
</main>

<div [ngClass]="test">
  <div class="modal-content" [ngStyle]="{{'background-image': 'url(' + imgSelected + ')', 'color': 'white'}}">
    <span (click)="onClickClose()" class="close-button">&amptimes</span>
    <h1>{{nameSelected}}</h1>
  </div>
</div>
```

View1:

```
import { CommonModule } from '@angular/common';
import { Component } from '@angular/core';

@Component({
  selector: 'app-view1',
  imports: [CommonModule],
  templateUrl: './view1.html',
  styleUrls: ['./view1.css'],
})
export class View1 {
  public case: string = 'elementor-grid-3';
  public oneImage: string = '';
  public images: string[][] = [
    [
      'url(https://www.quimicaysociedad.org/wp-content/uploads/2015/06/platano.jpg)',
      'url(https://camposdelabuelo.com/cdn/shop/articles/1.png?v=1742998237&width=2000)',
      'url(https://www.bmsupermercados.es/fotografias/noticias/bm-manzanas.jpg)',
    ],
    [
      'url(https://www.lavanguardia.com/files/og_thumbnail/uploads/2021/03/05/60421be64918d.jpeg)',
      'url(https://estaticos-cdn.prensaiberica.es/clip/7d08691e-b082-4540-ad4f-51dc14f8d23b_16-9-aspect-ratio_default_0.jpg)',
      'url(https://imagenes.20minutos.es/files/image_1920_1080/uploads/imagenes/2023/10/02/morada-blanca-charlota-para-que-se-util')
    ],
  ];
}

public onClick(i: number, j: number): void {
  if (this.case === 'elementor-grid-3') {
    this.case = 'elementor-grid-1';
    this.oneImage = this.images[i][j];
  } else {
    this.case = 'elementor-grid-3';
  }
}
```

```
<div class="header">
  <h1>Ejercicio 1</h1>
</div>
<div class="content">
  <section>
    <div class="{{case}}>
      @if(case === "elementor-grid-3"){
        @for (image of images; track image; let i = $index) {
          <div class="container elementor-grid">
            @for (item of image; track item; let j = $index) {
              <div class="photo-container">
                <div (click)="onClick(i, j)" class="photo" [ngStyle]="{{'background-image': item }}">
                  </div>
                </div>
              }
            </div>
          }
        } @else {
          <div class="container elementor-grid">
            <div class="photo-container">
              <div (click)="onClick(0, 0)" class="photo" [ngStyle]="{{'background-image': oneImage }}">
                </div>
              </div>
            </div>
          }
        </div>
      </div>
    </section>
  </div>
```

View2:

```
<div class="header">
  <h1>Ejercicio 2</h1>
</div>
<div class="container">
  <span (click)="onClickLorem()" class="quote">Lorem Ipsum</span>
  @if (count >= 1) {
    <p>
      <span class="first-letter">L</span>
      orum ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor
      incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
      exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure
      dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.
      Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
    </p>
  } @if (count >= 2) {
    <p>
      Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium,
      totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta
      sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia
      consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui
      dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi
      tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam,
      quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur?
      Duis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur,
      vel illum qui dolorem eum fugiat quo voluptas nulla pariatur?
    </p>
  } @if (count >= 3) {
    <p>
      At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti
      atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similiique
      sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga. Et harum quidem rerum
      facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil
      impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus.
      Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet ut et voluptates
      repudiandae sint et molestiae non recusandae. Itaque earum rerum hic tenetur a sapiente delectus, ut aut
      reciendis voluptibus maiores alias consequatur aut perferendis doloribus asperiores repellat.
    </p>
  } @if (count >= 4) {
    <p>
      Ut id sollicitudin quam, nec feugiat tellus. Vestibulum ut quam tellus. Morbi posuere est sit amet nunc
      eleifend laoreet. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos.
      Quisque ultrices risus sed vulputate iaculis. Cras in enim ut augue efficitur vulputate condimentum a orci.
      Morbi commodo dictum egestas. Aliquam quis nibh placerat, pellentesque erat nec, luctus nunc.
    </p>
  } @if (count === 5) {
    <p>
      Maecenas et mauris hendrerit, lacinia est id, commodo ipsum. Mauris vitae rutrum augue. Fusce finibus molestie
      import { Component } from '@angular/core';

@Component({
  selector: 'app-view2',
  imports: [],
  templateUrl: './view2.html',
  styleUrls: ['./view2.css'],
})
export class View2 {
  count: number = 0;
  test: boolean = true;

  onClickLorem(): void {
    if (this.test === true) {
      this.count++;
      if (this.count === 5) {
        this.test = false;
      }
    }
    if (this.test === false) {
      this.count--;
      if (this.count === 0) {
        this.test = true;
      }
    }
  }
}
```

View3:

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

@Component({
  selector: 'app-view3',
  imports: [],
  templateUrl: './view3.html',
  styleUrls: ['./view3.css'],
})
export class View3 {
  public imagesFruit: { img: string }[] = [
    {img: 'https://www.quimicaysociedad.org/wp-content/uploads/2015/06/platano.jpg'},
    {img: 'https://camposdelabuelo.com/cdn/shop/articles/1.png?v=1742998237&width=2000'},
    {img: 'https://www.bmsupermercados.es/fotografias/noticias/bm-manzanas.jpg'},
  ]
  public imagesVegetable: { img: string }[] = [
    {img: 'https://www.lavanguardia.com/files/og_thumbnail/uploads/2021/03/05/60421be64918d.jpeg'},
    {img: 'https://estaticos-cdn.prensaiberica.es/clip/7d08691e-b082-4540-ad4f-51dc14f8d23b_16-9-asp'},
    {img: 'https://imagenes.20minutos.es/files/image_1920_1080/uploads/imagenes/2023/10/02/morada-bl'}
  ]
  imgSelected: string = '';
  test: boolean = true;
  onClick(i: number): void {
    this.imagesFruit[i];
    if (i === 0) {
      this.test = false;
    } else {
      this.test = true;
    }
  }
  onClickFruit(img: string): void {
    this.imgSelected = img;
  }
  onClickVegetable(img: string): void {
    this.imgSelected = img;
  }
}
```

```
<div class="header">
  <h1>Ejercicio 3</h1>
</div>
<div class="container-two">
  <div id="tablebot">
    <div>
      <h1 (click)="onClick(0)" style="background-image: url(<a href="https://www.quimicaysociedad.org/wp-content/uploads/2015/06/platano.jpg">Frutas</a>)">
        Frutas</h1>
      <h1 (click)="onClick(1)" style="background-image: url(<a href="https://www.lavanguardia.com/files/og_thumbnail/uploads/2021/03/05/60421be64918d.jpeg">Verduras</a>)">
        Verduras</h1>
    </div>
    <div>
      @if (test === false) {
        @for (fruit of imagesFruit; track $index) {
          
        }
      } @else {
        @for (vegetable of imagesVegetable; track $index) {
          
        }
      }
      <img [src]="imgSelected" style="width: 100%;>
    </div>
  </div>
</div>
```

Actividad Repaso:

```

export class Ejercicio1 {
    public granPhoto: boolean = false;
    public photoSelected: boolean = false;
    public photoUrl: string = '';
    public types: string[] = ['entrantes', 'postres', 'bebidas'];

    public photoType: { img: string }[] = [
        {img: '/ejercicio1/entrantes/1.jpg'},
        {img: '/ejercicio1/entrantes/2.jpg'},
        {img: '/ejercicio1/entrantes/3.jpg'},
        {img: '/ejercicio1/entrantes/4.jpg'},
        {img: '/ejercicio1/entrantes/5.jpg'}];

    public position: number = 0;
    public type: string = this.types[this.position];
    public photosEntrantes: boolean = false;

    public onClickNext(): void {
        this.position++;
        if (this.position >= this.types.length) {
            this.position = 0;
        }
        this.type = this.types[this.position];
    }

    public onClickPrevious(): void {
        this.position--;
        if (this.position < 0) {
            this.position = this.types.length - 1;
        }
        this.type = this.types[this.position];
    }

    public onClickPhotoEntrantes(): void {
        this.photosEntrantes = !this.photosEntrantes;
        this.photoSelected = false;
    }

    public onClickPhotoSelected(img: string): void {
        this.photoSelected = true;
        this.granPhoto = true;
    }

    onClickClosePhoto(): void {
        this.photoSelected = false;
        this.granPhoto = false;
        this.photoUrl = '';
    }
}

<div class="header">
    <h1 (click)="onClickPhotoEntrantes()">{{ type.toUpperCase() }}</h1>
</div>
<div class="body">
    <div class="container">
        <table id="tablebot">
            <tbody>
                <tr>
                    <td (click)="onClickPrevious()" class="nutrition"><span class="category">Anterior</span></td>
                    <td (click)="onClickNext()" class="nutrition"><span class="category">Siguiente</span></td>
                </tr>
                @if (type === 'entrantes' ) {
                    <!-- ENTRANTES -->
                    <tr>
                        <td>
                            @if (photosEntrantes === false) {
                                <h2 (click)="onClickPhotoEntrantes()" style="background-image: url('/ejercicio1/entrantes/1.jpg'); height: 300px; width: 33%; display: inline-block; margin: 0; padding: 0; border: none; outline: none; font-size: 0; line-height: 0; vertical-align: middle; text-align: center; font-weight: bold; color: black; text-decoration: none; font-family: sans-serif; font-style: italic; letter-spacing: 0.1em; font-size: 1.2em; margin-bottom: 10px; margin-top: 10px; border-radius: 50%; background-size: cover; background-position: center; background-repeat: no-repeat; transition: all 0.3s ease; z-index: 1; position: relative; ">
                                    Entrantes
                                </h2>
                            }
                        </td>
                    </tr>
                    @if (photosEntrantes === true && granPhoto === false) {
                        <tr>
                            <td>
                                @for (photo of photoType; track $index) {
                                    
                                }
                            </td>
                        </tr>
                    } @if (photoSelected === true) {
                        <tr>
                            <td>
                                <img (click)="onClickClosePhoto()" [src]="photoUrl" style="width: 100%;"/>
                            </td>
                        </tr>
                    }
                }
            @else if (type === 'bebidas' ) {
                <!-- BEBIDAS -->
                <tr>
                    <td>
                        <h2 style="background-image: url('/ejercicio1/bebidas/cafe/1.jpg'); height: 300px; width: 33%; display: inline-block; margin: 0; padding: 0; border: none; outline: none; font-size: 0; line-height: 0; vertical-align: middle; text-align: center; font-weight: bold; color: black; text-decoration: none; font-family: sans-serif; font-style: italic; letter-spacing: 0.1em; font-size: 1.2em; margin-bottom: 10px; margin-top: 10px; border-radius: 50%; background-size: cover; background-position: center; background-repeat: no-repeat; transition: all 0.3s ease; z-index: 1; position: relative; ">
                            Café
                        </h2>
                    </td>
                </tr>
            }
        </tbody>
    </table>
</div>

```

Archivo rutas

- Dentro del archivo app.routes.ts:

```
{ path: '',
  redirectTo: 'view1', pathMatch: 'full' },
{ path: 'view1', component: View1 },
{ path: 'view2', component: View2 },
{ path: 'view3', component: View3 },
```

- o Dentro de [] con su import correspondiente

- Dentro de app.ts importar las clases que gastamos:

```
import { Component, signal } from '@angular/core';
import { RouterOutlet } from '@angular/router';
import { Header } from './components/header/header';

@Component({
  selector: 'app-root',
  imports: [RouterOutlet, Header],
  templateUrl: './app.html',
  styleUrls: ['./app.css']
})
export class App {
  protected readonly title = signal('test_Angular');
}
```

- o En este caso es Header

- Dentro de app.html:

```
<app-header></app-header>

<router-outlet/>
```

- o Si no están importadas en app.ts se tienen que importar si la clase fuera footer en lugar de header se pondría
`<app-footer></app-footer>`

- En el archivo header.ts:

```
- import { Component } from '@angular/core';
- import { RouterLink, RouterLinkActive } from '@angular/router';

- @Component({
-   selector: 'app-header',
-   imports: [ RouterLink, RouterLinkActive ],
-   templateUrl: './header.html',
-   styleUrls: ['./header.css'],
- })
- export class Header {

- }
```

- o Con los imports de RouterLink, RouterLinkActive que son los que importan las rutas y hace que funcionen junto a lo que hay en el header.html

- En el archivo header.html:

```
- <nav class="header">
-   <ul>
-     <li><a routerLink="/view1" routerLinkActive="active">Ejercicio
1</a></li>
-     <li><a routerLink="/view2" routerLinkActive="active">Ejercicio
2</a></li>
-     <li><a routerLink="/view3" routerLinkActive="active">Ejercicio
3</a></li>
-   </ul>
- </nav>
```

- o Aquí se usan las rutas definidas en el archivo app.routes.ts