

Code

Home-component.css;

```
.results {
  display: grid;
  column-gap: 14px;
  row-gap: 14px;
  grid-template-columns: repeat(auto-fill, minmax(400px, 400px));
  margin-top: 50px;
  justify-content: space-around;
}

input[type="text"] {
  border: solid 1px var(--primary-color);
  padding: 10px;
  border-radius: 8px;
  margin-right: 4px;
  display: inline-block;
  width: 30%;
}

button {
  padding: 10px;
  border: solid 1px var(--primary-color);
  background: var(--primary-color);
  color: white;
  border-radius: 8px;
}

@media (min-width: 500px) and (max-width: 768px) {
  .results {
    grid-template-columns: repeat(2, 1fr);
  }
  input[type="text"] {
    width: 70%;
  }
}

@media (max-width: 499px) {
  .results {
    grid-template-columns: 1fr;
  }
}
```

Home-component.ts

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

```
import { CommonModule } from '@angular/common';
import { HousingLocationComponent } from '../housing-location/housing-
location.component';
import { HousingLocation } from '../housinglocation';
import { HousingService } from '../housing.service';
@Component({
  selector: 'app-home',
  standalone: true,
  imports: [CommonModule, HousingLocationComponent],
  template: `
    <section>
      <form>
        <input type="text" placeholder="Filter by city">
        <button class="primary" type="button">Search</button>
      </form>
    </section>
    <section class="results">
    <app-housing-location *ngFor="let housingLocation of housingLocationList"
    [housingLocation]="housingLocation"></app-housing-location>
    </section>
  `,
  styleUrls: ['./home.component.css']
})
export class HomeComponent {
  readonly baseUrl = 'https://angular.io/assets/images/tutorials/faa';
  housingLocationList: HousingLocation[] = [];
  housingService: HousingService = inject(HousingService);

  constructor() {
    this.housingLocationList = this.housingService.getAllHousingLocations();
  }
}
```

Housing-location-component.css

```
.listing {
  background: var(--accent-color);
  border-radius: 30px;
  padding-bottom: 30px;
}
.listing-heading {
  color: var(--primary-color);
  padding: 10px 20px 0 20px;
}
.listing-photo {
  height: 250px;
```

```

width: 100%;
object-fit: cover;
border-radius: 30px 30px 0 0;
}
.listing-location {
padding: 10px 20px 20px 20px;
}
.listing-location::before {
content: url("/assets/location-pin.svg") / "";
}

section.listing a {
padding-left: 20px;
text-decoration: none;
color: var(--primary-color);
}
section.listing a::after {
content: "\203A";
margin-left: 5px;
}

```

Housing-location-component.ts

```

import { Component } from '@angular/core';
import { CommonModule } from '@angular/common';
import { Input } from '@angular/core';
import { HousingLocation } from '../housinglocation';
import { RouterLink, RouterOutlet } from '@angular/router';
@Component({
  selector: 'app-housing-location',
  standalone: true,
  imports: [CommonModule, RouterLink, RouterOutlet],
  template: `
    <section class="listing">
      <img class="listing-photo" [src]="housingLocation.photo" alt="Exterior
photo of {{housingLocation.name}}">
      <h2 class="listing-heading">{{ housingLocation.name }}</h2>
      <p class="listing-location">{{ housingLocation.city}},
{{housingLocation.state }}</p>
      <a [routerLink]="['/details', housingLocation.id]">Learn More</a>
    </section>
  `,
  styleUrls: ['./housing-location.component.css']
})
export class HousingLocationComponent {
  @Input() housingLocation!: HousingLocation;
}

```

App-component.css

```
:host {
  --content-padding: 10px;
}
header {
  display: block;
  height: 60px;
  padding: var(--content-padding);
  box-shadow: 0px 5px 25px var(--shadow-color);
}
.content {
  padding: var(--content-padding);
}
```

App-component.ts

```
import { Component } from '@angular/core';
import { HomeComponent } from '../home/home.component';
import { RouterModule } from '@angular/router';
@Component({
  selector: 'app-root',
  standalone: true,
  imports: [HomeComponent,
    RouterModule,
  ],
  template: `<main>
    <a [routerLink]="['/']">
    <header class="brand-name">
      
    </header>
    </a>
    <section class="content">
    <router-outlet></router-outlet>
    </section>
  </main>`,
  styleUrls: ['./app.component.css'],
})
export class AppComponent {
  title = 'Hi There ';
}
```

Housing-service.ts

```
import { Injectable } from '@angular/core';
import { HousingLocation } from './housinglocation';
@Injectable({
  providedIn: 'root'
})
export class HousingService {
  readonly baseUrl = 'https://angular.io/assets/images/tutorials/faa';

  housingLocationList: HousingLocation[] = [
    {
      id: 0,
      name: 'Acme Fresh Start Housing',
      city: 'Chicago',
      state: 'IL',
      photo: `${this.baseUrl}/bernard-hermant-CLKGGwIBTaY-unsplash.jpg`,
      availableUnits: 4,
      wifi: true,
      laundry: true
    },
    {
      id: 1,
      name: 'A113 Transitional Housing',
      city: 'Santa Monica',
      state: 'CA',
      photo: `${this.baseUrl}/brandon-griggs-wR11KBaB86U-unsplash.jpg`,
      availableUnits: 0,
      wifi: false,
      laundry: true
    },
    {
      id: 2,
      name: 'Warm Beds Housing Support',
      city: 'Juneau',
      state: 'AK',
      photo: `${this.baseUrl}/i-do-nothing-but-love-lAyXd11-Wmc-unsplash.jpg`,
      availableUnits: 1,
      wifi: false,
      laundry: false
    },
    {
      id: 3,
      name: 'Homesteady Housing',
      city: 'Chicago',
      state: 'IL',
      photo: `${this.baseUrl}/ian-macdonald-W8z6aiwfi1E-unsplash.jpg`,
      availableUnits: 1,
      wifi: true,
      laundry: false
    }
  ]
}
```

```
},
{
  id: 4,
  name: 'Happy Homes Group',
  city: 'Gary',
  state: 'IN',
  photo: `${this.baseUrl}/krzysztof-hepner-978RAXoXnH4-unsplash.jpg`,
  availableUnits: 1,
  wifi: true,
  laundry: false
},
{
  id: 5,
  name: 'Hopeful Apartment Group',
  city: 'Oakland',
  state: 'CA',
  photo: `${this.baseUrl}/r-architecture-JvQ0Q5IkeMM-unsplash.jpg`,
  availableUnits: 2,
  wifi: true,
  laundry: true
},
{
  id: 6,
  name: 'Seriously Safe Towns',
  city: 'Oakland',
  state: 'CA',
  photo: `${this.baseUrl}/phil-hearing-IYfp2Ixe9nM-unsplash.jpg`,
  availableUnits: 5,
  wifi: true,
  laundry: true
},
{
  id: 7,
  name: 'Hopeful Housing Solutions',
  city: 'Oakland',
  state: 'CA',
  photo: `${this.baseUrl}/r-architecture-GGupkreKwxA-unsplash.jpg`,
  availableUnits: 2,
  wifi: true,
  laundry: true
},
{
  id: 8,
  name: 'Seriously Safe Towns',
  city: 'Oakland',
  state: 'CA',
  photo: `${this.baseUrl}/saru-robert-9rP3mxf8qWI-unsplash.jpg`,
  availableUnits: 10,
```

```

        wifi: false,
        laundry: false
      },
      {
        id: 9,
        name: 'Capital Safe Towns',
        city: 'Portland',
        state: 'OR',
        photo: `${this.baseUrl}/webaliser-_TPTXZd9m0o-unsplash.jpg`,
        availableUnits: 6,
        wifi: true,
        laundry: true
      }
    ];
    getAllHousingLocations(): HousingLocation[] {
      return this.housingLocationList;
    }

    getHousingLocationById(id: number): HousingLocation | undefined {
      return this.housingLocationList.find(housingLocation => housingLocation.id
=== id);
    }

    constructor() { }
  }
}

```

Housing-location.ts

```

export interface HousingLocation {
  id: number;
  name: string;
  city: string;
  state: string;
  photo: string;
  availableUnits: number;
  wifi: boolean;
  laundry: boolean;
}

```

Routes.ts

```

import { Routes } from '@angular/router'
import { HomeComponent } from './home/home.component'
import { DetailsComponent } from './details/details.component'
const routeConfig: Routes=[
  {
    path:'',
    component:HomeComponent,
    title:'Home Page'
  }
]

```

```
    },  
    {  
      path: 'details/:id',  
      component: DetailsComponent,  
      title: 'Home details'  
    }  
  ];  
export default routeConfig;
```

Output:

