

## ANGULAR ASSIGNMENT-5

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### GENERATE COMPONENTS:

ng generate component home

ng generate component about

ng generate component contact

### ROUTING:

```
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
import { HomeComponent } from './home/home.component';
import { AboutComponent } from './about/about.component';
import { ContactComponent } from './contact/contact.component';
```

```
const routes: Routes = [
  { path: '', component: HomeComponent },
  { path: 'about', component: AboutComponent },
  { path: 'contact', component: ContactComponent },
];
```

```
@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
```

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```
})  
export class AppRoutingModule { }
```

### INBUILT-COMPONENTS:

#### App.component.html

```
<nav>  
  <a routerLink="/">Home</a> |  
  <a routerLink="/about">About</a> |  
  <a routerLink="/contact">Contact</a>  
</nav>  
<hr>  
<router-outlet></router-outlet>
```

#### Home.component.html

```
<h2>Welcome to the Home Page</h2>  
<p *ngIf="showMessage">This message is conditionally displayed!</p>  
<button (click)="toggleMessage()">Toggle Message</button>  
  
<ul>  
  <li *ngFor="let item of items">{{ item }}</li>  
</ul>
```

#### home.component.ts

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

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```
selector: 'app-home',
templateUrl: './home.component.html',
styleUrls: ['./home.component.css']
})
export class HomeComponent {
  showMessage = true;
  items = ['Item 1', 'Item 2', 'Item 3'];

  toggleMessage() {
    this.showMessage = !this.showMessage;
  }
}
```

**Start the application:**

ng serve