**9. Routing Mechanism**

**Source Code:**

1. Create a new Project

ng new routing-example

2. Navigate to Project folder

cd routing-example

3. Generate Components

ng generate component home

ng generate component about

4. App-routing.module.ts

import { NgModule } from '@angular/core';

import { Routes, RouterModule } from '@angular/router';

import { HomeComponent } from './home/home.component';

import { AboutComponent } from './about/about.component';

const routes: Routes = [

{ path: '', component: HomeComponent },

{ path: 'about', component: AboutComponent },

];

@NgModule({

imports: [RouterModule.forRoot(routes)],

exports: [RouterModule]

})

export class AppRoutingModule { }

5. App.component.html

<nav>

<a routerLink="/">Home</a>

<a routerLink="/about">About</a>

</nav>

<router-outlet></router-outlet>

6. App.module.ts

import { NgModule } from '@angular/core';

import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';

import { AppComponent } from './app.component';

import { HomeComponent } from './home/home.component';

import { AboutComponent } from './about/about.component';

@NgModule({

declarations: [

AppComponent,

HomeComponent,

AboutComponent

],

imports: [

BrowserModule,

AppRoutingModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

7. Home.component.ts

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

@Component({

selector: 'app-home',

template: `

<h1>Home Component</h1>

<p>Welcome to the home page!</p>

`

})

export class HomeComponent { }

8. About.component.ts

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

@Component({

selector: 'app-about',

template: `

<h1>About Component</h1>

<p>This is the about page.</p>

`

})

export class AboutComponent { }

9. Run

ng serve

**Output 1 :**

