

Angular Router Tutorial

Step 1:

Create a new Project

```
ng new Routerdemo
```

Step 2:

Create three components namely home, about and dashboard by using the following command.

```
ng g c home
ng g c about
ng g c dashboard
```

Step 3:

Now app.module.ts file will look like as below

```
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';
import { DashboardComponent } from './dashboard/dashboard.component';

@NgModule({
  declarations: [
    AppComponent,
    HomeComponent,
    AboutComponent,
    DashboardComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

Step 4:

Add the following in app-routing.module.ts file

```
import { RouterModule, Routes } from '@angular/router';
import { HomeComponent } from './home/home.component';
import { AboutComponent } from './about/about.component';
import { DashboardComponent } from './dashboard/dashboard.component';
const routes: Routes = [
  {
    path: 'home',
    component: HomeComponent
  }
];
```

```
},  
{  
  path: 'aboutus',  
  component: AboutComponent  
},  
{  
  path: 'dashboard',  
  component: DashboardComponent  
}  
];
```

Step5 :

Add the following line in app.component.html

```
<div class="toolbar" role="banner">  
  <nav>  
    <a routerLink="home">Home</a>  
    <a routerLink="aboutus">About</a>  
    <a routerLink="dashboard">Dashboard</a>  
  </nav>  
</div>  
<router-outlet></router-outlet>
```

Step 6:

Run the Project using the following command
ng serve --open