

- In the app module add a const variable of type Routes which should be imported from @angular/router.

```
const appRoutes: Routes = [
  { path: '', component: HomeComponent },
  { path: 'users', component: UsersComponent },
  { path: 'servers', component: ServersComponent },
];
```

- RouterModule must be added in the imports which lets angular know that we will be using routes in it.

```
imports: [
  BrowserModule,
  FormsModule,
  HttpClientModule,
  RouterModule
],
```

- Now we should connect the const variable to RouterModule. How to do that? Use forRoot() and pass the variable as the argument.

```
imports: [
  BrowserModule,
  FormsModule,
  HttpClientModule,
  RouterModule.forRoot(appRoutes)
],
```

- Now, How to tell HTML that you'll be using the routes? Get rid of other div's (if you have any)

```
<div class="row">
  <div class="col-xs-12 col-sm-10 col-md-8 col-sm-offset-1
col-md-offset-2">
    <router-outlet></router-outlet> //This lets you do that
  </div>
</div>
```

- **Navigating with Router LINKS:**

- If we use href it will reload the entire page. So, instead use **routerLink**.

```
<li role="presentation" class="active"><a routerLink="/">Home</a></li>
  <li role="presentation"><a routerLink="/servers">Servers</a></li>
  <li role="presentation"><a [routerLink]="['/users']">Users</a></li>
```

- **Navigating Programatically**

- On click event call a function and inside that function use the navigate method to navigate and give the path as you give above.

```
onLoadServers() {
  this.router.navigate(['/']);
}
```

- **Passing Parameters to the Routes :**