Angular Routing

★ We have seen that we can develop an angular application with **multiple components** and then make use of them one inside the other, and develop a whole Angular application without even talking about routing.

★ Now suppose you have **multiple components** and you want to be able to **navigate among the components** in a way that you can cause this navigation through, for example, clicking on links or **buttons in your UI** and be able to **render different views** in your application's screen, then Angular Routing comes to your rescue. We will see how we can use routing to develop something called single page applications.

★ The **router module itself is separate from the Angular core module,** so it is available as a separate module and you will need to **import it explicitly** into your Angular application in order to make use of the supported Angular Router model provides for you to **navigate among various views** off the various components that form part of your angular predation.

★ So when the URL becomes **localhost:4200/home**, you will automatically **render the view of the home component** in the browser screen.

★ Also, the second question that you would wonder is **where would this view be rendered in your Angular application?**

- This is where within our template of our app component, we will include a directive called as the routerOutlet which is specified as you see as **<router-outlet> and </router-outlet>.** This will be included into the **app component template file**, now then your Angular Router navigates to the different views of the different components.
- The corresponding view of the component will be included within your applications view wherever you specify this particular router outlet.

★ **Example**, /menu slash home slash contact us and so on specified using the **routerLink attribute direct**. So when you click on a link like this in your toolbar, then that will **trigger the Angular Router to cause a change or a navigation to a particular view that is supported by the Angular Router module**. So, the mapping between this link and the corresponding components is already specified in the route that we give to our Angular application