

Extra Concepts

The Angular CLI is a **command-line interface tool that you use to initialize, develop, scaffold, and maintain Angular applications directly from a command shell.**

- (1.) To make new project or to create angular application -- ng new project_name
- (2.)

Why we use router??

We use router to navigate between multiple views.

Using buttons and use directive to navigate.

- **routerLink** set the route to be called using the path.
- **routerLinkActive** set the CSS class to be used when the route is activated.

Navigation is one of the important aspect in a web application. Even though a single page application (SPA) does not have multiple page concept, it does moves from one view (list of expenses) to another view (expense details). Providing clear and understandable navigation elements decides the success of an application.

Angular provides extensive set of navigation feature to accommodate simple scenario to complex scenario. The process of defining navigation element and the corresponding view is called **Routing**. Angular provides a separate module, **RouterModule** to set up the navigation in the Angular application. Let us learn the how to do the routing in Angular application in this chapter.

What's the Router Outlet in Angular?

The router-outlet is a directive that's available from the `@angular/router` package and is used by the router to mark where in a template, a matched component should be inserted.

Thanks to the router outlet, your app will have multiple views/pages and the app template acts like a shell of your application.

Directives are **classes that add additional behavior to elements in your Angular applications.** Use Angular's built-in directives to manage forms, lists, styles, and what users see.