To create a new angular application command is:

ng new projectName

routing:yes, stylesheet : css

Folder structure :

Configuration files

Node\_modules : all modules (dev, testing, deploying)

Src: source code :

Main.ts : main file from which the application will start

Styles.css: global style

Index.html (only HTML document – it is loaded first when we start the application)

Assets folder: static content (images, data…)

App : app folder defines 2 files modules and 4 files which refer to the component

Modularization is implemented in Angular : modules : independent section, which can be reused in other projects.

Here we have two modules: app.module.ts class AppModule, app-routing.module.ts (routing)

============= running the application ===============

Cd projectname

Ng serve -o

Localhost:4200

============ component =================

Every component has :

Css : local style sheet

Html : “**template”** (UI – html code)

.ts : class Component – “**component”**

.spec.ts : unit testing code for the component

Every component defines the metadata using @Component

It defines Selector, templateUrl, styleUrls

--- > add bootstrap

CDN links in index.html

Added navbar in app.component.html

============ component creation ==================

1. Ng generate component home

Ng g c home

Angular will create the Home folder and within that there will be 4 different files

Ng g c product-list (class ProductListComponent)

Ng g c login

Ng g c register

============== routing ==============

For navigation there are 3 steps:

1. Set up the link within the navbar (url/ route)

e.g

<li class="nav-item">

                <a class="nav-link" routerLink="/products">Products</a>

 </li>

1. Add the routes in app-routing module

const routes: Routes = [

  { path:'', component:HomeComponent },

  { path: 'products', component:ProductListComponent},

  { path:'login', component:LoginComponent},

  { path:'register', component:RegisterComponent}

];

1. Define the placeholder (place, in which the child component will be rendered)

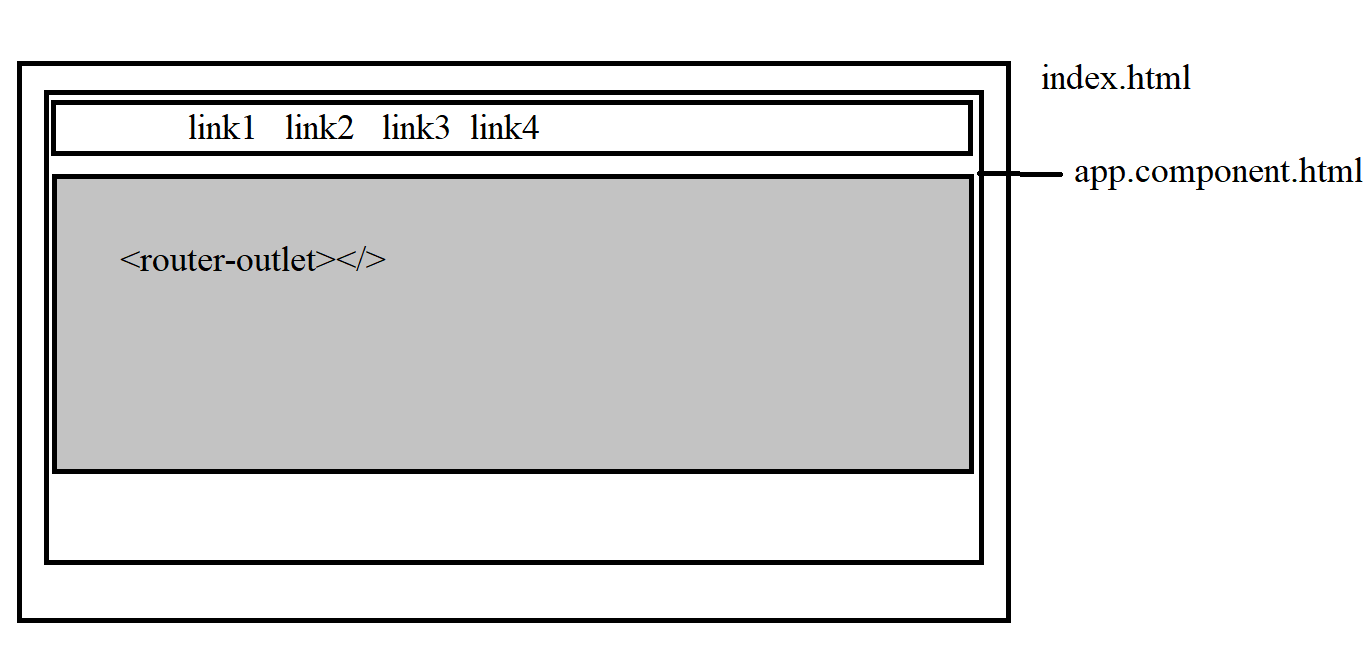
App.component.html

<div>

<nav></nav>

<router-outlet></router-outlet>

</div>



================= Form Handling ===============