**Router**

**Step 1 – Parse the URL**

How router work in Angular?

/ : Slashes divide URL segments

(): Parentheses specify secondary routes

**Step 2 – Redirect**

**There are 2 kinds of redirect**

* Local Redirect : not start with slash {path:’one’, redirectTo:’two’}
* Absolute Redirect: When redirect start with a slash {path:’one’, redirectTo:’/two’}

**Step 3 – Identify the router**

**Step 4 – run guard**

**Step 5 – Run Resolvers**

**Step 6 – Activate**

**Step 7 – Manage**

**Router Outlet**

<router-outlet></router-outlet>

**Router Link (in View)**

<a [routerLink]=”[‘/students’]”>Students</a>

**Router Link (Server Side)**

* Import {Router} from ‘@angular/router’
* Constructor(private router:Router){}
* This.router.navigate([‘/student’,73845]);

**Generate Router**

Ng generate module app-routing –flat –module=app

--flat puts the file in src/app and will not create own folder

-- module=app tells the CLI to register ot in the imports array of the AppModule.

**Create app-routing.module**

Import{ngModule} from ‘@angular/core’;

Import{Routers, RouterModule} from ‘@angular/router;

Const routes:Routes = [

{path:’home’, component:’HomeComponent’},

{path:’about’, component:’AboutComponent’}

]

@NgModule({

Imports: [RouterModule.forRoot(routes)],

Exports:[RouterModule]

})

Export class AppRoutingModule {}