

Step-1=>run following command your project folder terminal

```
npm install -g @angular/cli
```

Step-2=>run following command in same project folder terminal

```
ng new frontend
```

Step-3=>open new window of vs code and select frontend folder and open it(keep both vs code windows open in your project folder follow steps of “steps of nodejs without angular” pdf except jwt multer and view folder part i.e only make config,controller,router,model folders and server.js,.env files)

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Step-4=>in frontend folder window run following commands in terminal

```
ng g c add
```

```
ng g c list
```

```
ng g c edit
```

```
ng g service anyname
```

```
ng serve(run this command again if by mistake you close your frontend folder vs code window)
```

From here every folder will be found under src->app

Step-5=> delete all code in app.component.html and write following tag

```
<router-outlet></router-outlet>
```

Step-6=>in app.module.ts file write following lines

```
import { FormsModule } from '@angular/forms';
import { ReactiveFormsModule } from '@angular/forms';
import { AppRoutingModule } from './app-routing.module';
import { HttpClientModule } from '@angular/common/http';
import { NgFor } from '@angular/common';
```

Step-7=>in service.ts file write following lines

```
constructor(private http:HttpClient) { }

addbook(book:any){
    return this.http.post("http://localhost:8000/books/save",book)
}

listbook(){
    return this.http.get("http://localhost:8000/books/list")
}

deletebook(id:any){
    return this.http.get("http://localhost:8000/books/delete/"+id);
}

editbook(id:any){
    return this.http.get("http://localhost:8000/books/edit/"+id);
}

updatebook(id:any,book:any){
    return this.http.post("http://localhost:8000/books/update/"+id,book)
}
```

All the form will be created in add.components.html, edit.components.html, list.components.html file

And all api call will be written in add.component.ts, edit.component.ts, list.component.ts files