Angular Commands:

1. **Ng new <<Project Name>>** - to create a new angular project.
2. **Ng serve** – will run the server while **ng serve –open** will open the browser also.
3. Another new CLI command **ng add <package>** makes adding new capabilities to your project easy. ng add will use your package manager to download new dependencies and invoke an installation script (implemented as a schematic) which can update your project with configuration changes, add additional dependencies (e.g. polyfills), or scaffold package-specific initialization code.

We used **ng add @angular/material**

1. **ng generate @angular/material:material-nav --name <component-name>** - The navigation schematic will create a new component that includes a toolbar with the app name and the side nav responsive based on Material breakpoints.

We have used **ng generate @angular/material:material-nav –name myNav**

1. We can have color themes in our application so to add them you can import something like **@import “@~angular/material/prebuilt-themes/indigo-pink.css”.**
2. To support gestures, we need to install a library called hammerjs – **npm install -save hammerjs**
3. If you want to use material icons, you can paste this reference in index.html - **<link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">**
4. Now the material set up is done. Let’s add a form and for that create a component using **ng g component my-form**, where g stands for generate and my-form is your desired form name.
5. To use material design components, we 1st need to import them. In this we are using **import { MatInputModule, MatButtonModule } from '@angular/material';**
6. To import angular forms, **import { FormsModule } from '@angular/forms'**
7. The angular form should be implemented as template so to do so add a model for binding.

|  |
| --- |
| export class Address {  constructor(  public firstname?: string,  public lastname?: string,  public address?: string,  public city?: string,  public state?: string,  public postalcode?: string,  ){}  } |

1. Now open app.component.html and add the below code,

|  |
| --- |
| <h3>Address Form</h3>  <my-form></my-form> |

The my-form tag should match with the **selector** which is in **my-form.component.ts**

1. To bind submit event we use **ngSubmit** which calls a function and the template variable is