**ANGULAR MATERIAL DESIGN**

* The google angular team introduced material design in 2014.
* It comprises of templates, which you can implement in Angular application.
* The material design templates comprises of HTML, CSS and Typescript file with predefined design and functionality.
* **Adding material library to project**

1.Open terminal

>ng add @angular/material

2. Prompts to select a CSS theme

Ex: indigo-pink.css [choose any]

3. Prompts to select ‘hammer.js’ [optional]

[ Hammer is required for gesture functionality in mobile based application.]

4. Prompts to add ‘Browser Animations ‘: select YES.

|  |
| --- |
| >ng add @angular/material  Installing packages for tooling via npm.  Installed packages for tooling via npm.  ? Choose a prebuilt theme name, or "custom" for a custom theme: Indigo/Pink [ Preview: https://material.angular.io?theme=indigo-pink ]  ? Set up HammerJS for gesture recognition? No  ? Set up browser animations for Angular Material? Yes |

5. This will add following components to the project:

“angular.json”

  "styles": [

              "./node\_modules/@angular/material/prebuilt-themes/indigo-pink.css",

              "src/styles.css"

            ],

**Index.html**

<head>

  <link href="https://fonts.googleapis.com/css?family=Roboto:300,400,500&display=swap" rel="stylesheet">

  <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">

</head>

Example:

1. Go to ‘app.module.ts’

import { BrowserAnimationsModule } from '@angular/platform-browser/animations';

import { MatCheckboxModule } from '@angular/material/checkbox';

imports: [

    BrowserAnimationsModule, MatCheckboxModule

  ],

1. Go to ‘component.html’

<div>

        <mat-checkbox>I accept</mat-checkbox>

</div>

**Display a component**

Let's display a slider component in your app and verify that everything works.

You need to import the MatSliderModule that you want to display by adding the following lines to your app.module.ts file.

import { MatSliderModule } from '@angular/material/slider';

…

@NgModule ({....

imports: [...,

MatSliderModule,

…]

})

Add the <mat-slider> tag to the app.component.html like so:

<mat-slider min="1" max="100" step="1" value="1"></mat-slider>

**Angular.material.io**