



Angular 5 CT Specialization

Angular Material Lab 1

January 2019

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Document Control

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Earlier versions	



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Create a new Angular Application

1. Create a new folder named **angular5ctspecialization** on the local drive.
2. Open a command prompt & switch to the folder created above.
3. Run the following command to create a new Angular Application:
(when prompted to add routing, choose **No** & when prompted to select a style format, choose **CSS**):

```
D:\angular5ctspecialization>ng new angularmaterialapp
```

4. Once the application is created, open it in Visual Studio code using the following command:

```
D:\angular5ctspecialization\angularmaterialapp>code .
```

5. Open **app.module.ts** & write the following import statement:

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

6. Add the following to the **imports** array of the **NgModule** decorator:

```
,BrowserAnimationsModule
```

7. Install Angular Material & Angular CDK by running the following command:

```
D:\angular5ctspecialization\angularmaterialapp>npm install --save @angular/material @angular/cdk
```

8. Run the following command to create a new module:

```
D:\angular5ctspecialization\angularmaterialapp>ng generate module shared/material --flat
```

9. Open **material.module.ts** file & add the following import statements into it:

```
import {  
  MatButtonModule, MatCheckboxModule  
} from '@angular/material';
```

10. Add the following inside the **@NgModule** decorator:

```
exports: [MatButtonModule,MatCheckboxModule]
```

11. Remove the **CommonModule** import statement & also from the **imports** array.

12. Open **app.module.ts** & add the following import statements:

```
import {MaterialModule} from './shared/material.module';
```

13. Add the following into the **imports** array:

```
,MaterialModule
```

14. Serve the application by running the following command:

```
D:\angular5ctspecialization\angularmaterialapp>ng serve --open
```