Create Workspace

ng new [projectname] --create-application=false	
For next commands: cd [projectname]	

Create application

ng generate application [applicationname]

Create Library

ng generate library [libraryname] --prefix=[prefix]
ALWAYS: Use a prefix when generating a library.

Use library in application

Add to src\app.module.test	import { librarynameModule } from 'libraryname'; add librarynameModule in imports array
add to html-file	<prefix-libraryname></prefix-libraryname>
Before using a library: build the library: ng build [libraryname] ALWAYS: In your test application import using your library by name and NOT the individual files.	

Build, serve and test

build library	ng build [libraryname]
build application	ng build [applicationname]
serve application	ng serve [applicationname] --prod
test library	ng test [libraryname]
test application	ng test [applicationname]
Will be served on localhost:4200	

New components

generate	ng generate component [modulename] --project=[library-name/applicationname]
add to .module.ts export array	
if library	

Angular material

add angular material	ng add @angular/material
Add components to src/app/app.module.ts	import { MatInputModule, MatButtonModule, MatSelectModule, MatIconModule } from '@angular/material'; import { FormsModule } from '@angular/forms'; imports: [BrowserModule, BrowserAnimationsModule, FormsModule, MatInputModule, MatButtonModule, MatSelectModule, MatIconModule],