

### 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-pp.module.ts      import { MatInputModule, MatButtonModule,
                                                  MatSelectModule, MatIconModule } from
                                                  '@angular/material';
                                                  import { FormsModule } from '@angular/forms';
```

```
imports: [ BrowserModule, BrowserAnimationsM-
odule, FormsModule, MatInputModule, MatButton-
Module, MatSelectModule, MatIconModule ],
```



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