Creating new directory:

1. C:\Windows\System32\cmd.exe /k "C:\Program Files\nodejs\nodevars.bat"
2. ng new directory\_name - - skip-git or ng new directory\_name - -minimal

Execution(when directory is already created):-

1. bat path if environment not set.
2. cd directory\_name.
3. ng generate component home. // generating components
4. ng g c about.
5. ng g c contact.
6. ng serve –open.

* Angular understands typescript.
* Jasmine is used to test angular.
* Everything in angular is a component.
* @component is also known as decorator or metadata, the class which has it is known as component class.
* Component cannot be used outside a module.
* Module has multiple components.
* Component has selector, templeturl, styleurls.
* Components are instantiated by angular framework.
* Class without @component is a normal typescript class.
* Every component class need to import “ import{ Component,OnInt } from ‘ @angular/core’ ”.
* Module🡪Component🡪templet.
* Every Component has its templet it can be embedded or can be a external file.
* {{}}🡪angular expression.
* app.module.ts🡪providers🡪bootstrap, it defines beginning component.
* ngModel , is used for two way binding i.e ts to html & html to ts 🡪[()].
* One way binding 🡪[ ] ts to html.
* One way binding or event binding🡪()html to ts.

For test using Routing:-

* Create new app and create components.
* edit app.component.html.
* add and import 🡪import {RouterModule,Routes} from ‘@angular/router’ in app.module.ts for routes and create routes path.
* In Imports section 🡪RouterModule.forRoot(the const used for creating paths).
* <router-outlet></router-outlet> in app.component.html page.
* For displaying menu for page create array in app.component.ts and print it using \*ngFor in app.component.html.
* app.component.css for effects on web page.
* created container for all three components and apply css effects in there own css files.

Flow of test:-

* create new directory (use – in naming with same as that of the topic).
* create a new folder named as models, create a ts file in it name it as(projectnameModel) 🡪all required data elements.
* Create components like🡪registration,search.
* Create new folder service and open in terminal, bat path then ng g s name of project. Also mention the service class name in provided section and import the file .
* Create array in service. Fill data into it from registration module and fetch the data at display module from service

For bootstrap effect on project:- npm install bootstrap in terminal