Installation code of angular and install node js and create a file for angular

npm –v

Cd my-first

Cd new my-first

ng new my-first

Cd my-first

my-first>ng serve

after we need click on yes

**Angular Basic lessons**

* **Angular** is a front –end frame work that makes it easy to build application for both web/mobile apps
* **Angular** is an open source project, sponsored and primarily maintenance by google
* **Angular**  is a modern framework built entirely in Typescript(Type script is a superset of JavaScript)
* **The angular** documentation not only supports Typescript as a first-class citizen, but uses it as its primary language

Striking features of angular

* Exceptional Scaling and Performance
* Cross platform-mobile, web and desktop.
* Single page Application
* Typescript language
* Declarative Templates
* Dependency Injection
* End to End tooling
* Modular –architecture of application
* Smaller builds

Technical overview of angular

* Modules driven pattern
* Component-based architecture
* Templates
* Services
* Interpolation
* Data Binding
* Directives

🡪Built –in

🡪Custom

* Routing
* HTTP 🡪 Hypertext transport protocol, the data transfer protocol used on the world wide web
* Testing

Why you should learn Angular 10:

* It’s the latest buzz tech stack 🡪MEAN
* It’s from Google and is reliable and here for long term
* Since you already know JavaScript or typescript-you can easily start building Apps in angular

Angular Js is also known as Angular.1x if it more than 2x is known as angular

It is open source front-end web application frame work

It is maintained by google

It Is released at time 2010

Angular Js code is written In JavaScript

Angular Js is long term support

Angular 2 is completed rewrite completely used in type script and mainly used to mobile web application

Cli - command line interface

Npm - node package manager is a programming language

Node Js is an open source, cross platform JavaScript run time environment

**Install Angular Cli**

npm install(i) –g @angular/cli

ng new <project-name>

Run the application

ng serve (or) npm start

1. For new component – ng g c newcomponent or ng g c newcomponent --flat
2. New component without spec.ts – ng g c newcomponent --test=true
3. For open file in visual studio go to file place and select command prompt and enter - code .

For checking any error we need to check on terminal

**GitHub Code commit:**

1. Create a new Project in project folder

2. Go to Github – Code – Copy URL and paste on the CMD

3. Commands on CMD : git clone paste URL of Github cd mic-chatbot npm install (npm install - -force) Node modules

4. Command lines in Visual studio terminal

* New Terminal
* Git pull
* git status (For show modifications)
* git add src/assests/ilsn/en.json (click enter and we will see comments in green colour)
* git status
* **Commit comments**:
* git commit –m “added changes name”
* git config - -global user.email”[priyanka.m@microgridtechsol.com](mailto:priyanka.m@microgridtechsol.com)”
* git config - - global user.name”Priyanka”
* git commit –m “added changes name”
* git pull
* git push
* git pull