## What is Angular

Angular is a JavaScript framework used for building web and mobile applications. It is developed and maintained by Google and is one of the most popular frameworks for building single-page applications (SPAs). Angular follows the Model-View-Controller (MVC) architecture pattern and uses HTML, CSS, and TypeScript to create user interfaces.

## What is Template in Angular.

In Angular, templates are used to define the structure and layout of an application's user interface. Templates are written in HTML and can include Angular directives, which are used to bind data to the user interface and manipulate the DOM. Templates in Angular are used with components, which are the building blocks of an Angular application.

## List commands to install Angular and create components.

To install Angular, you can use the following command in the terminal:

npm install -g @angular/cli

To create a new component in Angular, use the following command:

ng generate component <component-name>

## Give details of working for [formGroup] (ngSubmit) formControlName FormControl

The following are details of how the following Angular directives work:

[formGroup]: This is a directive that binds a FormGroup instance to a form element in the template. The FormGroup is used to group related form controls together and track their values and validation status.

(ngSubmit): This is an event binding directive that is used to bind a function to the submit event of a form. When the form is submitted, the function is called, and the data entered in the form can be processed.

formControlName: This is a directive that binds a form control instance to a form control element in the template. The form control is used to track the value and validation status of a single form control.

FormControl: This is a class that represents a single form control in an Angular application. It is used to track the value and validation status of the form control and can be used to update the value of the form control programmatically.

## Significance of App.module.ts

The App.module.ts file is a module file in an Angular application that is used to define and configure the application's modules. It is the entry point of the application, and it defines the dependencies and components that the application needs to run. The App.module.ts file is used to import other modules, components, and services that the application requires.

## Significance of package .json file.

The package.json file is a file in an Angular application that contains information about the application's dependencies and scripts. It is used to manage the dependencies and scripts required to build, test, and run the application. The package.json file includes the name, version, description, dependencies, devDependencies, scripts, and other information about the application. The dependencies and devDependencies sections list the packages required by the application, while the scripts section contains the scripts that can be used to build, test, and run the application.