**Angular Js :** angular Js is structural framework for dynamic web applications

* In angular js we can use html as a template language
* Extend html’s syntax to express your application components clearly. We can create custom attributes. i.e., directive.

**Library:** a collection functions which are useful when in web application

**Framework:** a particular implementation of a web application.

**Features:**

* Data binding
* Group of html into reusable components
* Support forms and validations

**Templates:** html language with additional markup tags

**Custom directives**: extended html with custom attributes and elements

**Model:** The data shown to the user in the view and with the user interactions

**Scope:** we can access scope functions, scope variables in controllers,directives and services.

**Filters:** Format of output

**Expressions :** access variables and functions from the scope

**Views:** user interface

**Data binding :** display data between the model and view

**Controller:** controller is mediator between database and user

Cotroller is a javascript function. The job of the controller is to build a model for the view to display

**How to create controller in angular?**

Var myController=function($scope){

$scope.message=”hello swetha”;

}

**Dependency injection:** we can create object and functions

**Modules:** module Is a container for the different parts of our applications i.e., controllers ,services and filters,directives,etc.

How to create a Module

var myApp =angular.module(“module”,[]);

**Services :** services is reusable modules

**Factory:** using factory we can create variables

**Compiler:**parses the template and instantiates directives and expressions

**Two-way data binding:**

Keeps the model and the view in sync at all times, that is a change in the model updates the view and a change in the view updates the model

* Binding expression updates the view when the model changes
* Ng-model directive updates the model when the view changes

Ng-model:  **ngModel** is responsible for: Binding the view into the **model** directive can used with

* Input
* Select
* Textarea

**Ng-repeat:** It’s like for each loop

**Angular JS Filters:**

Filter can do 3 different things

Format, sort, Filter data

**Ng-style:** ng-style directive allows you to set css style