# Ramp Up Angular js

If you are using JavaScript to build an application angularjs is good choice to go.

1. It helps you organize you java script.
2. It helps create **responsive** (as in fast) websites.
3. It plays well with jquery.
4. Easy to test.

Let’s brief about **response.**  In any other website when performing anything action in the browser it as to loads all the assets so the response time for loading the website takes time.

When come to angular js for every request load entire page it will request need data as json or other format and update those values in already loaded web page so there is fast responsive .

# What is angular js

A client side java script framework for adding interactivity to HTML.

How do we will tell our html when to trigger our JavaScript?

Below are modules in angular js

1. Directives
2. Modules
3. Expressions
4. Controllers
5. Filters

Directives

A directive is a marker on a html tag that tells angular to run or reference some javascript code.

Modules

Where we write pieces of our angular application

Makes our code more maintainable , testable and readable.

Where we define dependencies for our app.

Expressions

Allow you to insert dynamic values in to you html.

Controllers

Controllers are where we define our apps behaviour by defining functions and values.

Filters

Filters are used to manipulate data. Like currency , date and uppercase etc....

Some of syntax as below

ng-app => Directory Defination

ng-controller => Controller

ng-show => is to show on conditional

ng-repeat => using for looping data or parsing data