# Angular Training

Below are the topics which we will discuss in the training session

## Introduction to Angular

* 1. Angular Modules vs JS Modules
  2. Components
     1. Property and event binding
     2. Two way data binding
     3. Communication b/w components (Parent-Child)
     4. Change Detection
        1. Default
        2. OnPush
     5. View Encapsulation
        1. ShadowDom
        2. Emulated
        3. None
     6. Services Scoped to components
  3. Service and DI
     1. Service for business logic
     2. Services scoped to application
     3. Services scoped to Module
     4. Services scoped to components
     5. Services for intercomponent communication
  4. Directives
  5. Pipes (Pure and Impure)
  6. Queries
     1. Template variables
     2. ViewChild
     3. ViewChildren
     4. ContentChild
     5. ContentChildren

1. Injection Hierarchy and DI
   1. @Injectable
   2. @Inject
   3. Injection Tree Hierarchy
   4. Providers in NgModule vs Component
   5. Injection Modifiers
2. Routing
   1. Eagerly loaded Routes
   2. Lazy loaded routes
   3. Providers in Lazy loaded modules
   4. Sharing components between lazy loaded modules
3. Using Services for API Communication
   1. HTTP Client
   2. Interceptors
4. RXJS
   1. Observable, Observer and Subjects
   2. Common operators