**Angular2 Videos**

**These videos provide hands on explanation on the various concepts of Angular2. The videos are in a sequence. Since TypeScript is a pre-requisite to creating Angular2 apps, the first 3 videos are related to TypeScript. The demos shown in each video are available on the shared drive mentioned below. Please watch each video in sequence to get a good understanding on how to implement Angular2 effectively.**

**The Videos are available at:**

***\\10.1.1.2\Training\Training CITI\TD\_ISL0\Karthik\Angular2Videos***

**The code examples shown in each video are available at the same location mentioned above. The code samples have been put inside a sub-folder. Only the TypeScript files are available.**

**There is a folder named *node\_modules*, which contains the installed Angular2 & its dependent libraries. You can simply copy & paste this folder into your root application to run the code samples.**

1. **Angular2-Day1 - TypeScript.mp4**

*This video covers the following topics:*

1. *Introduction to TypeScript*
2. *TypeScript installation*
3. *TypeScript compilation*
4. *Data Types, Variables & functions*
5. *Creating a class using TypeScript*
6. **Angular2-Day2 - TypeScript.mp4**

*This video covers the following topics:*

1. *Object Oriented Programming in TypeScript*
2. *Interfaces*
3. *Inheritance*
4. *Abstract Classes*
5. *Internal Modules (Namespaces) in TypeScript*
6. **Angular2-Day3 - TypeScript.mp4**

*This video covers the following topics:*

1. *External Modules*
2. *export keyword*
3. *import keyword*
4. *Module Formats & Module Loaders*
5. *Configuring systemjs to load dependencies*
6. **Angular2-Day4.mp4**

*This video covers the following topics:*

1. *Intro to AngularJS*
2. *Features of AngularJS*
3. *Intro to Angular2 & its architecture*
4. *Installing Angular2*
5. *Angular2 Dependencies*
6. *Creating the root module*
7. *Creating the root component*
8. *Angular2 bootstrapping process*
9. **Angular2-Day5.mp4**

*This video covers the following topics:*

1. *Two way data binding*
2. *ngModel directive*
3. *Event Binding & property binding*
4. *Inbuilt directives – ngIf, ngSwitch, ngFor*
5. *Passing data between components – parent to child using @Input() decorator*
6. **Angular2-Day6.mp4**

*This video covers the following topics:*

1. *Passing data between components – child to parent using @Output() decorator & EventEmitter*
2. *Pipes in Angular2 – inbuilt pipes*
3. *Creating & using custom pipes & difference between pure and impure pipes*
4. *Creating & using custom directives*
5. **Angular2-Day7.mp4**

*This video covers the following topics:*

1. *Creating & using custom services*
2. *Creating & using child modules, exporting modules & components*
3. *Server communication using Http Service, Observables, RxJs*
4. **Angular2-Final Day.mp4**

*This video covers the following topics:*

1. *Introduction to routing in Angular2*
2. *Routing basic concepts*
3. *Configuring routes*
4. *Using routerLink & router-outlet directives*
5. *Configuring child routes*
6. *Route parameters*
7. *Getting information about the active route*
8. *Using routing guards*