**ANGULAR 2**

**a) Angular2 Lifecycle:**

https://codecraft.tv/courses/angular/components/lifecycle-hooks/

**b**) **Perfect form validation :**

https://scotch.io/tutorials/angular-2-form-validation (at end)

https://plnkr.co/edit/V45rysvHGfgc8sBig1Ds?p=preview

https://plnkr.co/edit/2lTTIWxO1acUxsJHDkje?p=preview

c) **Routing include:**

https://plnkr.co/edit/vpCqRHDAj7V6mlN1AknN?p=preview

**1.For install on Windows and setup Follow below link for Angular** http://www.geekhours.com/2016/07/25/creating-your-first-angular-2-app-detailed-step-by-step- tutorial/

**2**.**For Understanding Angular Component**

https://scotch.io/tutorials/creating-your-first-angular-2-components

**3.Differrent Types of Events**

https://developer.mozilla.org/en-US/docs/Web/Events

**4\***. **MEAN APP BOTH NODE JS AND ANGULAR JS**

https://scotch.io/tutorials/mean-app-with-angular-2-and-the-angular-cli

**5.BASICS OF EXPRESS 4.0**

https://scotch.io/tutorials/learn-to-use-the-new-router-in-expressjs-4

**6**.**Connectiong To MongoDB**

https://scotch.io/tutorials/using-mongoosejs-in-node-js-and-mongodb-applications

**7** .**BASIC TYPE SCRIPT**

https://code.tutsplus.com/tutorials/getting-started-with-typescript--net-28890

https://basarat.gitbooks.io/typescript/content/docs/classes.html

**8**. **Angular2 Form Validations**

https://loiane.com/2017/08/angular-reactive-forms-trigger-validation-on-submit/

live demo: https://ng-forms-fields-validation.firebaseapp.com/validateSubmit

**9.Cascading/Dependent DropDown in Angular 2(different types)**

http://embed.plnkr.co/cuMsdkK6SuTn41uQSeI6

https://plnkr.co/edit/b5FKSp06XMfQul5pYQti?p=preview

https://plnkr.co/edit/GDXsPt4aiS7vus6oPvuU?p=preview

**10. Forms And validations in Angular2**

https://scotch.io/courses/angular-2-forms-and-validation

**11.File uploading in angulr2**

https://scotch.io/tutorials/file-uploads-in-angular-with-a-node-and-hapi-backend

**12.Understanding classes And interfaces**

https://ng2.codecraft.tv/es6-typescript/classinterface/

**13.Undersatnding Routing in Angular2**

https://scotch.io/tutorials/routing-angular-2-single-page-apps-with-the-component-router

**14**.**Angular2 Pagination**

http://jasonwatmore.com/post/2016/08/23/angular-2-pagination-example-with-logic-like-google

**15. Angular2 pagination And Search forms using Npm modules**

https://ciphertrick.com/2017/08/01/search-sort-pagination-in-angular/

demo: http://michaelbromley.github.io/ngx-pagination/#/

preview: http://plnkr.co/edit/JVQMPvV8z2brCIzdG3N4?p=preview

Git hub: https://github.com/michaelbromley/ngx-pagination

**Search box videos Angular2:**

https://www.pluralsight.com/guides/front-end-javascript/getting-started-with-angular-2-by-building-a-giphy-search-application

demo: http://hitman666.github.io/giphy-search/

**\*\*\* Search forms :**

https://octoperf.com/blog/2016/04/05/angular2-ngfor-filter-using-pipes/

16. **Pipes Concept in Angular2:**

https://hahoangv.wordpress.com/2016/07/05/angular2-by-example-series-working-with-pipes/

17.Checkboxes data

http://plnkr.co/edit/pOHujsZt4tliKBNAi9Qw?p=preview

18**.ngClass And ngStyle Example:**

https://codecraft.tv/courses/angular/built-in-directives/ngstyle-and-ngclass/\

https://alligator.io/angular/style-binding-ngstyle-angular/ (conditional colors)

https://alligator.io/angular/class-binding-ngclass-angular/

19**.@input and @output Example:**

http://plnkr.co/edit/nkww1Ov2AWZRMHFyjhjl?p=preview

20.**Two way databinding:**

https://blog.thoughtram.io/angular/2016/10/13/two-way-data-binding-in-angular-2.html

**21.CheckBox values:**

https://stackoverflow.com/questions/34561775/how-to-generate-checkboxes-using-ngfor-and-a-list-of-maps

**22.Curd operation:**

http://www.codershood.info/2016/10/23/angular-2-crud-application-using-nodejs/

**23. holding multiple checkboxes values:**

http://plnkr.co/edit/ucKcXBA2zReWfBSQ8W7D?p=preview

https://stackoverflow.com/questions/34997128/angular-2-get-values-of-multiple-checked-checkboxes

24.**parent and child communication using @input and @output:**

https://ciphertrick.com/2017/07/24/parent-child-component-communication-angular/

25.**Single page Application:**

https://angular2.realworld.io/#/

26**. Overview of Angular2**(Definations)

https://www.tektutorialshub.com/angular2-architecture-overview-concepts/

27.**Differences Between Angualr2 And Angular4:**

https://www.quora.com/What-is-the-difference-between-Angular-2-and-Angular-4

28.**Pagination:**

http://plnkr.co/edit/JVQMPvV8z2brCIzdG3N4?p=preview

29.**Custom Search Angular2**:

https://stackoverflow.com/questions/38319383/angular-2-search-using-http

http://plnkr.co/edit/u2sPdTAuAxPCPeaQhgBj?p=preview