**Angular Guide**

https://angular.io/guide/updating

https://www.tiepphan.com/angular-2-ban-da-san-sang-thu-nghiem/

**Install Angular CLI/ Syntax**

https://angular.io/cli

<https://github.com/angular/angular-cli/blob/master/packages/angular/cli/README.md>

**Angular CLI Cheat Sheet**

<https://baswanders.com/angular-cli-cheatsheet-an-overview-of-the-most-used-commands/>

<https://malcoded.com/posts/angular-fundamentals-cli/>

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| --- | --- |
| Update Angular CLI | Global package  npm uninstall -g @angular/cli  npm cache verify  npm install -g @angular/cli@latest  Or @<version> |
| ng add | Is feature of angular 6 |
| How to update Angular Apps | Angular 6 Tutorial - 31 - Updating your app to angular 6   * <https://www.youtube.com/watch?v=ScaKGrW5s0I&list=PLC3y8-rFHvwhBRAgFinJR8KHIrCdTkZcZ&index=31>   - |
| Angular 6 with Angular CLI 6  => which CLI version to install angular 6 | <https://www.tutorialspoint.com/angular6/angular6_project_setup.htm> |
| pasted-image.png | * see In Global   => Angular: …..  => chia biet version of Angular App |
| pasted-image.png | * See in my project * + angular = 6.1.10   => version of angular |
| <https://stackoverflow.com/questions/48970553/want-to-upgrade-project-from-angular-v5-to-angular-v6>   1. Update CLI globally and locally 2. Using NPM ( make sure that you have node version 8+ ) npm uninstall -g @angular/cli 3. npm cache clean 4. npm install -g @angular/cli@latest 5. npm i @angular/cli --save 6. Using Yarn yarn remove @angular/cli 7. yarn global add @angular/cli 8. yarn add @angular/cli   2. Update  ng update @angular/cli  ng update @angular/core  ng update @angular/material  ng update rxjs  npm i -g rxjs-tslint  //or using yarn  yarn global add rxjs-tslint  Then you can run rxjs-5-to-6-migrate  rxjs-5-to-6-migrate -p src/tsconfig.app.json  finally remove rxjs-compat  npm uninstall rxjs-compat  // or using Yarn  yarn remove rxjs-compat  Refer to this link <https://alligator.io/angular/angular-6/>  **-------------------Without angular-cli-------------------------**  So you have to manually update your package.json file.  TM624.png  Then run  npm update  npm install --save rxjs-compat  npm i -g rxjs-tslint  rxjs-5-to-6-migrate -p src/tsconfig.app.json | 1- global Angular CLI   1. Using NPM ( make sure that you have node version 8+ ) npm uninstall -g @angular/cli 2. npm cache clean 3. npm install -g @angular/cli@latest   2 - Change @angular/cli in dependencies  "@angular/cli": "^8.3.6",  3 - add changes to Repository(GIT)  git add .  ➜git commit -m "changes"  4- Delete “@schematics/angular.”  In Dependencies  5 - Must use - - force    ng update @angular/cli @angular/core - - force  6 - When occurring Error:  An unhandled exception occurred: Could not find the implementation for builder  @angular-devkit/build-angular:dev-server  => Solution:  npm uninstall @angular-devkit/build-angular  npm install @angular-devkit/build-angular  Ng update @angular/cli@6.1.0  Ng update |
|  |  |

**Angular File Configure**

https://angular.io/guide/file-structure

**Angular Course**

https://angular-university.io/?utm=ythead

https://www.youtube.com/watch?v=CusfUmB6mkY&list=PL6n9fhu94yhWNJaDgh0mfae\_9xoQ4E\_Zj

(Deep Course- lazy loading, preload)

Deep Course

https://codecraft.tv/courses/angular/built-in-directives/overview/

kudvenkat: Deep deep course

http://csharp-video-tutorials.blogspot.com/2017/06/angular-2-tutorial-for-beginners\_12.html

(Chi tiet cac course)

https://www.pragimtech.com/course-category/classroom-courses/

Deep Course on Youtube

Codevolution

https://www.youtube.com/watch?v=0eWrpsCLMJQ&list=PLC3y8-rFHvwhBRAgFinJR8KHIrCdTkZcZ

https://www.youtube.com/playlist?list=PLYxzS\_\_5yYQlqCmHqDyW3yo5V79C7eaTe

https://www.youtube.com/user/programmingwithmosh/playlists

https://www.youtube.com/watch?v=qWxLWRk3zdc&list=PLWBrqglnjNl1qQw2nH5O1A8W\_DVC3xo-V&index=9

https://www.youtube.com/watch?v=DffDsJsMJh4&list=PLRhlTlpDUWszsMOI7dK2Y9CzbTxyXMrn8&index=20

https://www.udemy.com/the-complete-guide-to-angular-2/ (Pattern)

https://angular-templates.io/tutorials/about/learn-angular-from-scratch-step-by-step

https://www.edureka.co/blog/angular-tutorial/#AngularFeatures (knowledge)

https://coursetro.com/posts/code/174/Angular-8-Tutorial-&-Crash-Course

**Angular 7 Call Rest API using Get with Params and POST**

<https://www.youtube.com/watch?v=rdLJNGZvlAA>

Angular Service

Subject, Behavior Subject, Replay Subject

<https://medium.com/@luukgruijs/understanding-rxjs-behaviorsubject-replaysubject-and-asyncsubject-8cc061f1cfc0>

Article

https://blog.angularindepth.com/

https://web.dev/learn

**ANGULAR INTERVIEW QUESTION AND ANSWERS**

https://www.youtube.com/watch?v=wao5aMrt0LA

**Angular CRUD**

**Java Guides**

https://www.javaguides.net/p/angular-8-tutorial-with-examples.html

https://www.djamware.com/post/5bca67d780aca7466989441f/angular-7-tutorial-building-crud-web-application

(**Example and Real Apps, MEAN Stack**)

https://appdividend.com/2019/06/04/angular-8-tutorial-with-example-learn-angular-8-crud-from-scratch/

**Angular Example**

**example angular on github**

https://github.com/gothinkster/angular-realworld-example-app/tree/master/src

**Angular UI Library**

https://www.primefaces.org/primeng/#/

https://material.angular.io/

**Testing Extension**

https://code.visualstudio.com/api/working-with-extensions/testing-extension

**Integrated Terminal**

https://code.visualstudio.com/docs/editor/integrated-terminal

**LevelUpTuts : All courses**

https://www.youtube.com/user/LevelUpTuts/playlists

Microsoft Terminal

https://github.com/microsoft/terminal

Installation of zsh

https://thedevcouple.com/beginners-guide-installing-customizing-bash-windows/

https://marketplace.visualstudio.com/items?itemName=rogalmic.zsh-debug

Blog: Angular version 8

https://blog.angular.io/tagged/release%20notes

Create Carousel

https://netbasal.com/building-a-simple-carousel-component-with-angular-3a94092b7080

**Angular 4 HttpClient Query Parameters**

https://stackoverflow.com/questions/45470575/angular-4-httpclient-query-parameters

Angular : View File Excel

Dowload file

Deploy

Non-routed lazy load

https://github.com/tieppt/non-routed-lazyload

https://github.com/IgorMinar/ivy-lazy-load-component

TypeScript

Deep Dive in TypeScript

https://www.freecodecamp.org/news/want-to-learn-typescript-heres-our-free-22-part-course-21cd9bbb5ef5/

https://scrimba.com/g/gintrototypescript

Course: (Deep Course)

https://basarat.gitbooks.io/typescript/docs/types/type-assertion.html

https://www.javatpoint.com/typescript-type-inference

https://www.tutorialsteacher.com/typescript/typescript-never

Youtube:

https://www.youtube.com/user/basaratali/videos

**Why TypeScript is the best way to write Front-end in 2019**

https://medium.com/@jtomaszewski/why-typescript-is-the-best-way-to-write-front-end-in-2019-feb855f9b164

Type Assertion

Application:

https://stackoverflow.com/questions/19461479/what-is-the-type-assertion-operator-for-in-typescript

Deep Explanation :

http://www.codermojam.com/type-assertion-in-typescript/

https://www.freecodecamp.org/news/want-to-learn-typescript-heres-our-free-22-part-course-21cd9bbb5ef5/

Course:

https://basarat.gitbooks.io/typescript/docs/types/type-assertion.html

https://www.javatpoint.com/typescript-type-inference

https://www.tutorialsteacher.com/typescript/typescript-never

Tool online:

https://typescript-play.js.org/

Angular Exercise: Example

1/ life-cyle-hook

https://stackblitz.com/angular/ngvlqbbkjlg?file=src%2Fapp%2Fpeek-a-boo.component.ts

https://stackblitz.com/github/codecraft-tv/angular-course/tree/current/4.components/5.lifecycle-hooks/code?file=src%2Fmain.ts

2/ Input/ Output : Communication

https://stackblitz.com/angular/pyxoblmmpym?file=src%2Fapp%2Fapp.component.ts

https://stackblitz.com/angular/lrqbpblpkyd

Streaming HTTP Request

https://medium.com/@bartoszpolnik/streaming-http-responses-in-angularjs-419b4438f07c

Deep Article

<https://codewithstyle.info/toc/>

Deep course: on youtube

https://www.youtube.com/watch?v=Tux1nhBPl\_w&list=PL55RiY5tL51pHpagYcrN9ubNLVXF8rGVi&index=2

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| --- | --- |
| { Pipe } operator in Rxjs | <https://codewithstyle.info/deep-dive-pipe-function-rxjs/> |
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Angular Error

*Don’t show data*

*=> error syntax*

*SOLUTION*

*, thay “=”*

*SOLUTION:*

*(vì thiếu node\_modules package)*

*SOLUTION*

1/ Add HeroParentComponent to app.module.ts

=> Save (vì chưa save nên bị Error)

2/ go to hero-parent.component => Save

*SOLUTION*

vì Angular set type dynamically, nên không cần declare for it

*SOLUTION*

**Angular Error: Expected 0 type arguments, but got 1** : EventEmitter

*SOLUTION*