

JavaScript:

Closure: https://www.w3schools.com/js/js_function_closures.asp

Histing: <https://scotch.io/tutorials/understanding-hoisting-in-javascript>

Strict mode: <https://javascript.info/strict-mode>

Object properties & descriptors: <https://javascript.info/property-descriptors>

"this" keyword: <https://www.geeksforgeeks.org/this-in-javascript/>

Indexed & Keyed collections: <http://webmobtuts.com/javascript/javascript-keyed-and-indexed-collections-array-map-and-set/>

Map, reduce & filter: <https://danmartensen.svbtle.com/javascripts-map-reduce-and-filter>

Memory management: https://developer.mozilla.org/en-US/docs/Web/JavaScript/Memory_Management

Error handling: https://www.tutorialspoint.com/javascript/javascript_error_handling.htm

Debugging: <https://developers.google.com/web/tools/chrome-devtools/javascript/>

Object Oriented JavaScript:

Basics: https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Objects/Object-oriented_JS

Abstraction, Encapsulation, Inheritance & Polymorphism: <https://javascriptissexy.com/oop-in-javascript-what-you-need-to-know/>

Inheritance & prototype chain: https://developer.mozilla.org/en-US/docs/Web/JavaScript/Inheritance_and_the_prototype_chain

SOLID Principles: <https://medium.com/@cramirez92/s-o-l-i-d-the-first-5-principles-of-object-oriented-design-with-javascript-790f6ac9b9fa>

JavaScript Principles Design Patterns: <https://scotch.io/bar-talk/4-javascript-design-patterns-you-should-know>

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TypeScript:

Abstraction, Encapsulation, Inheritance &

Polymorphism: <https://rachelappel.com/2015/01/02/write-object-oriented-javascript-with-typescript/>

REST, default & optional params: <https://howtodoinjava.com/typescript/functions-rest-optional-default-params/>

Overloading: <https://www.bennadel.com/blog/3339-using-method-and-function-overloading-in-typescript.htm>

Iterators & decorators: <https://www.typescriptlang.org/docs/handbook/iterators-and-generators.html>

Intersections & union types: <https://www.typescriptlang.org/docs/handbook/advanced-types.html>

Decorators: <https://www.typescriptlang.org/docs/handbook/decorators.html>

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Angular:

Bootstrapping: <https://angular.io/guide/bootstrapping>

Lifecycle hooks: <https://www.cuelogic.com/blog/angular-lifecycle>
Routing: <https://blog.angularindepth.com/the-three-pillars-of-angular-routing-angular-router-series-introduction-fb34e4e8758e>
Router guard: <https://codecraft.tv/courses/angular/routing/router-guards/>
Dependency injection (injectors, providers): <https://angular.io/guide/dependency-injection>
Forms: <https://angular-templates.io/tutorials/about/angular-forms-and-validations>
Directives: <https://www.sitepoint.com/practical-guide-angular-directives/>
HostListener & HostBinding: <https://codecraft.tv/courses/angular/custom-directives/hostlistener-and-hostbinding/>
Pipe: <https://scotch.io/tutorials/create-a-globally-available-custom-pipe-in-angular-2>
Component communications: <https://medium.com/@mirokoczka/3-ways-to-communicate-between-angular-components-a1e3f3304ecb>
ViewChildren, ViewChild, ContentChildren &
ContentChild: <https://medium.com/@tkssharna/understanding-viewchildren-viewchild-contentchildren-and-contentchild-b16c9e0358e>
Services: <https://angular.io/tutorial/toh-pt4>
HTTP Client: <https://www.techiediaries.com/angular-http-client/>
Web workers: <https://medium.com/@damoresac/using-web-workers-on-angular-6-6fd0490d07b5>
Base project structure & Webpack config: <https://jasonwatmore.com/post/2019/04/24/angular-7-tutorial-part-2-create-base-project-structure-webpack-config>
AOT: <https://angular.io/guide/aot-compiler>
Unit Testing: <https://medium.com/@selvarajchinnasamyks/angular-7-unit-testing-97dccfdca900>
Mock backend: <https://jasonwatmore.com/post/2019/05/02/angular-7-mock-backend-example-for-backendless-development>

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NgRx:

State, actions & reducers: <https://dzone.com/articles/managing-state-in-angular-with-ngrxstore>
<https://blog.angularindepth.com/ngrx-tips-tricks-69feb20a42a7>

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More links for in-depth reference:

JavaScript: <https://www.w3schools.com/js/>
TypeScript: <https://www.typescriptlang.org/docs/handbook/basic-types.html>
Angular: <https://angular.io/guide/architecture>
Unit Testing: <https://angular.io/guide/testing>
RxJS: <https://rxjs-dev.firebaseapp.com/guide/overview>
NgRx: <https://ngrx.io/guide/store>

Angular

Why we should use Angular?
How do we organise folder structure.

Angular lifecycle

State management in angular.

If i want to deploy my angular project to prod what are the things need to do with the project.

(--prod, --aot)

Change detection strategy

Httpinterceptor

Data communication between components

Cutom filters, directive

Rxjs operator- forkjoin, switchmap, mergemap etc.

If asked to design a new project what are steps needto take. How do we organise the module.

JavaScript

Closures

Variable Scope

Prototype

How to create object.

Oops concept

Es6 features

Shallow copy, deep copy of object.

Array functions