Javascript my notes

Javascript is case sensitive and loosely typed language variable var keyword,initialize before access.

Object literal

Var p= {

Fname:”h”

Age:25

Getfullname:function() {}

}

Ternary operator: ?: assign value on condition

Primitive datatype: type of used string, number,boolean, undefined

Structural: object,date, array

Array methods

Concat: combine array with array values

Every: return true or false (if one condition unsatisfy)

Filter: return new array that satisfy condition specified in callback func

Foreach: execute callback for each element of array

Indexof: returns index of first occurance

Join: return string of array elements

Lastindexof: last occurance

Map: create new array ( using filter and other array method)

* Reduce: pass 2 elements simultaneously in callback and return single value
* Reduce.right() pass 2 elements simultaneously from right to left

Reverse:reverse

Shift: first element remove and returns

Slice: returns new array with specified start to end

Some:return true if one element satisfy condition

Splice: add/remove element from array

Splice(2,0,’’)->add

Splice(2,2) -> remove

Tostring: string represent

Unshift: add 1 or more element at front

Null and undefined are primitive values in javascript

Null:absence

Undefined:lack of value

Settimeout:call func after delay finish and after queued event handlers

Setimmediate: it is faster,checks queue of event handlers. It queues them immediately after the last i/o handler

Higher order func: func which takes another func as argument.

….done

Es6 featusres

https://www.w3schools.com/js/js\_es6.asp

* [The let keyword](https://www.w3schools.com/js/js_es6.asp#mark_let)
* [The const keyword](https://www.w3schools.com/js/js_es6.asp#mark_const)
* [Arrow Functions](https://www.w3schools.com/js/js_es6.asp#mark_arrow)
* [The ... Operator](https://www.w3schools.com/js/js_es6.asp#mark_spread)
* [For/of](https://www.w3schools.com/js/js_es6.asp#mark_forof)
* [Map Objects](https://www.w3schools.com/js/js_es6.asp#mark_map)
* [Set Objects](https://www.w3schools.com/js/js_es6.asp#mark_set)
* [Classes](https://www.w3schools.com/js/js_es6.asp#mark_class)
* [Promises](https://www.w3schools.com/js/js_es6.asp#mark_promise)
* [Symbol](https://www.w3schools.com/js/js_es6.asp#mark_symbol)
* [Default Parameters](https://www.w3schools.com/js/js_es6.asp#mark_param)
* [Function Rest Parameter](https://www.w3schools.com/js/js_es6.asp#mark_rest)
* [String.includes()](https://www.w3schools.com/js/js_es6.asp#mark_includes)
* [String.startsWith()](https://www.w3schools.com/js/js_es6.asp#mark_startswith)
* [String.endsWith()](https://www.w3schools.com/js/js_es6.asp#mark_endswith)
* [Array.from()](https://www.w3schools.com/js/js_es6.asp#mark_array_from)
* [Array keys()](https://www.w3schools.com/js/js_es6.asp#mark_array_keys)
* [Array find()](https://www.w3schools.com/js/js_es6.asp#mark_array_find)
* [Array findIndex()](https://www.w3schools.com/js/js_es6.asp#mark_array_findIndex)
* [New Math Methods](https://www.w3schools.com/js/js_es6.asp#mark_math_methods)
* [New Number Properties](https://www.w3schools.com/js/js_es6.asp#mark_number_properties)
* [New Number Methods](https://www.w3schools.com/js/js_es6.asp#mark_number_methods)
* [New Global Methods](https://www.w3schools.com/js/js_es6.asp#mark_global_methods)
* [Object entries](https://www.w3schools.com/js/js_es6.asp#mark_entries)
* [JavaScript Modules](https://www.w3schools.com/js/js_es6.asp#mark_modules)