

HIGHER ORDER FUNCTIONS

- *Higher order functions are functions that take one or more functions as arguments, or return a function as their result.*

CALL BACK FUNCTIONS

- *A callback function is a function that is passed as an argument to another function, to be “called back” at a later time. A function that accepts other functions as arguments is called a higher-order function.*

SETTING TIME

- *In JavaScript we can execute some activities in a certain interval of time or we can schedule(wait) for some time to execute some activities.*
 - *setTimeout*
 - *setInterval*

MAP

- *map: map functions are use to iterate an array elements and modify the array elements. It takes a callback function with elements, index , array parameter and return a new array. It does not mutate the original array*

FILTER

- *filter: The filter() function takes an array and returns a new array with only the values that meet certain criteria (condition). It also does not mutate the original array.*

REDUCE

- *reduce: Reduce takes a callback function. The call back function takes accumulator, current, and optional initial value as a parameter and returns a single value. It is a good practice to define an initial value for the accumulator value. If we do not specify this parameter, by default accumulator will get array first value. If our array is an empty array, then Javascript will throw an error.*