**TASK 5**

3. Do the below programs in arrow functions.

* 1. Print odd numbers in an array

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| --- |
| oddNumbers=(array)=>{ |
|  | for(var i = 0 ; i< array.length ; i++){ |
|  | if(array[i]%2!=0){ |
|  | console.log(array[i]) |
|  | } |
|  | } |
|  | } |

* 1. Convert all the strings to title caps in a string array

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| --- |
| titleCase=(str)=>{ |
|  | str = str.toLowerCase().split(' '); |
|  | for (var i = 0; i < str.length; i++) { |
|  | str[i] = str[i].charAt(0).toUpperCase() + str[i].slice(1); |
|  | } |
|  | return str.join(' '); |
|  | } |

* 1. Sum of all numbers in an array

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| --- |
| sum(array)=>{ |
|  | var sum = 0; |
|  | for(var i = 0 ; i< array.length ; i++){ |
|  | sum = sum + array[i]; |
|  | } |
|  | return sum; |
|  | } |

* 1. Return all the prime numbers in an array

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| --- |
| primeNumber=(numArray)=>{ |
|  | numArray = numArray.filter((number) => { |
|  | for (var i = 2; i <= Math.sqrt(number); i++) { |
|  | if (number % i === 0) return false; |
|  | } |
|  | return true; |
|  | }); |
|  | console.log(numArray); |
|  | } |

* 1. Return all the palindromes in an array

|  |
| --- |
| Palindrome=(arr,n)=> |
|  | { |
|  |
|  |
|  | for (let i = 0; i < n; i++) |
|  | { |
|  | let ans = isPalindrome(arr[i]); |
|  | if (ans == false) |
|  | return false; |
|  | } |
|  | return true; |
|  | } |