**Week3**

* **Array(pdf)\*-6,7,9,10,14,15,16,17,20,26,27,28,30,33,34,35,38**
* **C:\Coading\Supreme3.0\03\_Week\03\_Arrays\dutchnationalProblem\***
* **C:\Coading\Supreme3.0\03\_Week\03\_Arrays\2Scomplement\***
* **In twosum always start second loop from j=i+1\***
* **Supreme3.0\03\_Week\03\_Arrays\rotate an array by k terns.cpp\***
* **C:\Coading\Supreme3.0\03\_Week\03\_Arrays\03\_Arrays-02.cpp\findUniquenumber\***
* **C:\Coading\Supreme3.0\03\_Week\03\_Arrays\03\_Arrays-02.cpp\rotateAnArray \***
* **C:\Coading\Supreme3.0\03\_Week\03\_Arrays\03\_Arrays-02.cpp\sort0And1By2Pointer\***
* **C:\Coading\Supreme3.0\03\_Week\03\_Arrays\03\_Arrays-03.cpp\** **Transpose of 2D Array(**learn only using swap and must start j=i **)\***
* **C:\Coading\Supreme3.0\03\_Week\03\_Assignment\_Que's\main.cpp\***
* **Mergearrpdf\*;**
* **C:\Coading\Supreme3.0\03\_Week\03\_DMA&Vector\_STL\vector.cpp(copyVector)\*(printfront and back)\***
* **C:\Coading\Supreme3.0\03\_Week\03\_Mega\_Array\04\_Mega\_Array.cpp\unordaredmap\*completeFile\*;**
* **kadaneAlgo\***
* **asset questions**

**1.image -** [**https://leetcode.com/problems/single-number/description/**](https://leetcode.com/problems/single-number/description/) **(single number )**

**2.image 1-(find pivot index** like equilibrium gfg**)** [**https://www.geeksforgeeks.org/problems/equilibrium-point-1587115620/1?page=1&difficulty%5B%5D=0&category%5B%5D=Arrays&sortBy=submissions**](https://www.geeksforgeeks.org/problems/equilibrium-point-1587115620/1?page=1&difficulty%5B%5D=0&category%5B%5D=Arrays&sortBy=submissions)

**3.** image 2 -**https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/submissions/1579594006/ (**[**167. Two Sum II - Input Array Is Sorted**](https://leetcode.com/problems/two-sum-ii-input-array-is-sorted/)**)**

**4. image 3 -** [**https://leetcode.com/problems/two-sum/description/**](https://leetcode.com/problems/two-sum/description/) **(same twosum concept can be used )**

**5. image 4 -** [**https://www.geeksforgeeks.org/problems/equilibrium-point-1587115620/1?page=1&difficulty[]=0&category[]=Arrays&sortBy=submissions**](https://www.geeksforgeeks.org/problems/equilibrium-point-1587115620/1?page=1&difficulty%5b%5d=0&category%5b%5d=Arrays&sortBy=submissions) **(equilibrium )**

**6. image 5 ( missing number gfg ) -** <https://www.geeksforgeeks.org/problems/missing-number-in-array1416/1?itm_source=geeksforgeeks&itm_medium=article&itm_campaign=practice_card>

**7. image 6 –( missing number form sorted array gfg )** <https://www.geeksforgeeks.org/problems/missing-number-in-array1416/1?itm_source=geeksforgeeks&itm_medium=article&itm_campaign=practice_card>

**8. image 7 –(Indexes of Subarray Sum gfg ) -** <https://www.geeksforgeeks.org/problems/subarray-with-given-sum-1587115621/1?page=1&difficulty%5B%5D=0&category%5B%5D=Arrays&sortBy=submissions>

**9. image 8 – ( Sort 0s, 1s and 2s gfg ) -** <https://www.geeksforgeeks.org/problems/sort-an-array-of-0s-1s-and-2s4231/1?page=1&difficulty%5B%5D=0&category%5B%5D=Arrays&sortBy=submissions>

**10. Image 9- (** [**287. Find the Duplicate Number**](https://leetcode.com/problems/find-the-duplicate-number/) **)** <https://leetcode.com/problems/find-the-duplicate-number/description/>

**11. image 10 – ( like Missing And Repeating gfg )** <http://geeksforgeeks.org/problems/find-missing-and-repeating2512/1?page=1&difficulty%5B%5D=1&category%5B%5D=Arrays&sortBy=submissions>

12. image 11-(**Common Elements gfg** ) - <https://www.geeksforgeeks.org/problems/common-elements5420/>

13.image 12 – ([**54. Spiral Matrix**](https://leetcode.com/problems/spiral-matrix/)) <https://leetcode.com/problems/spiral-matrix/submissions/1577496970/>

14 image 13 – ( **Add two numbers represented by two arrays** ) <https://www.geeksforgeeks.org/problems/add-two-numbers-represented-by-two-arrays2408/1>

15 image 14 – ( **Factorials of large numbers** ) <https://www.geeksforgeeks.org/problems/factorials-of-large-numbers2508/1>

* **C:\Coading\Supreme3.0\03\_Week\Week3- Assignments\***