**11th August 2022**

**DAY – 04**

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| **S.No** | **Name of the Problem** | **Practice Link** | **Article Link** |
| 1 | Painter’s Partition Problem | [Link](https://practice.geeksforgeeks.org/problems/the-painters-partition-problem1535/1/) | [Link](https://www.geeksforgeeks.org/painters-partition-problem/) |
| 2 | Median of 2 sorted arrays of Different sizes | [Link](https://practice.geeksforgeeks.org/problems/median-of-2-sorted-arrays-of-different-sizes/1/) | [Link](https://www.geeksforgeeks.org/median-of-two-sorted-arrays-of-different-sizes/) |
| 3 | Allocate minimum number of pages | [Link](https://practice.geeksforgeeks.org/problems/allocate-minimum-number-of-pages0937/1) | [Link](https://practice.geeksforgeeks.org/problems/allocate-minimum-number-of-pages0937/1) |
| 4 | Wave array | [Link](https://practice.geeksforgeeks.org/problems/wave-array-1587115621/1) | [Link](https://www.geeksforgeeks.org/sort-array-wave-form-2/) |
| 5 | Count the number of possible triangles | [Link](https://practice.geeksforgeeks.org/problems/count-possible-triangles-1587115620/1) | [Link](https://practice.geeksforgeeks.org/problems/count-possible-triangles-1587115620/1) |
| 6 | Triplets with sum with given range | [Link](https://practice.geeksforgeeks.org/problems/triplets-with-sum-with-given-range/1/) | [Link](https://www.geeksforgeeks.org/count-number-of-triplets-in-an-array-having-sum-in-the-range-a-b/) |
| 7 | Count Inversions | [Link](https://practice.geeksforgeeks.org/problems/inversion-of-array-1587115620/1) | [Link](https://www.geeksforgeeks.org/counting-inversions/) |
| 8 | Relative Sorting | [Link](https://practice.geeksforgeeks.org/problems/relative-sorting4323/1) | [Link](https://www.geeksforgeeks.org/sort-array-according-order-defined-another-array/) |
| 9 | Minimum Platforms | [Link](https://practice.geeksforgeeks.org/problems/minimum-platforms-1587115620/1) | [Link](https://www.geeksforgeeks.org/minimum-number-platforms-required-railwaybus-station/) |
| 10 | Sort a 2D vector diagonally | [Link](https://practice.geeksforgeeks.org/problems/diagonal-morning-assembly0028/1/) | [Link](https://www.geeksforgeeks.org/sort-a-2d-vector-diagonally/) |