**August 17th 2022**

**DAY - 08**

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| **S.No** | **Name of the Problem** | **Practice Link** | **Article Link** |
| 1 | Find the element that appears once | [Link](https://practice.geeksforgeeks.org/problems/element-appearing-once2552/1) | [Link](https://www.geeksforgeeks.org/find-the-element-that-appears-once/) |
| 2 | Gray code | [Link](https://practice.geeksforgeeks.org/problems/gray-code-1611215248/1/) | [Link](https://www.geeksforgeeks.org/generate-n-bit-gray-codes/) |
| 3 | Maximum AND | [Link](https://practice.geeksforgeeks.org/problems/maximum-and-value-1587115620/1) | [Link](https://www.geeksforgeeks.org/maximum-value-pair-array/) |
| 4 | Maximum subset XOR | [Link](https://practice.geeksforgeeks.org/problems/maximum-subset-xor/1) | [Link](https://www.geeksforgeeks.org/find-maximum-subset-xor-given-set/) |
| 5 | Bit Difference | [Link](https://practice.geeksforgeeks.org/problems/find-sum-of-different-corresponding-bits-for-all-pairs4652/1) | [Link](https://www.geeksforgeeks.org/sum-of-bit-differences-among-all-pairs/) |