***Week – 8 (******06.06.2021 – 12.06.2021)***

***Topics Completed:***

1. Graphs
2. Window Sliding

***Solved Problems based on Weekly Task:***

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| S.No. | Problem Name | Problem Number | Platform |
| 1. | Subarrays with K Different Integers | 992 | Leetcode |
| 2. | Sliding Window Median | 840 | Leetcode |
| 3. | Grumpy Bookstore Owner | 1052 | Leetcode |
| 4. |  |  | Leetcode |
| 5. |  |  | Leetcode |
| 6. |  |  |  |

***15 Solved Random Problems:***

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| S.No. | Problem Name | Problem Number | Platform |
| 1. | Distant Barcodes | 1054 | Leetcode |
| 2. | Increasing Decreasing String | 1370 | Leetcode |
| 3. | Long Pressed Name | 925 | Leetcode |
| 4. | Mean of Array After Removing Some Elements | 1619 | Leetcode |
| 5. | Find Words That Can Be Formed by Characters | 1160 | Leetcode |
| 6. | Element Appearing More Than 25% In Sorted Array | 1287 | Leetcode |
| 7. | Number of Equivalent Domino Pairs | 1128 | Leetcode |
| 8. | Kth Missing Positive Number | 1539 | Leetcode |
| 9. | Count Items Matching a Rule | 1773 | Leetcode |
| 10. | Check If All 1's Are at Least Length K Places Away | 1437 | Leetcode |
| 11. | Create Target Array in the Given Order | 1389 | Leetcode |
| 12. | How Many Numbers Are Smaller Than the Current Number | 1365 | Leetcode |
| 13. | Pairs of Songs With Total Durations Divisible by 60 | 1010 | Leetcode |
| 14. | Check If N and Its Double Exist | 1346 | Leetcode |
| 15. | Range Sum of Sorted Subarray Sums | 1508 | Leetcode |

***Problems in PDF:***

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| S.No. | Problem Name | Problem Number | Platform |
| 1. | All Paths From Source to Target | 797 | Leetcode |
| 2. | Cycle in Directed Graph |  | InterviewBit |
| 3. | Cycle in Undirected Graph |  | InterviewBit |
| 4. | Floyd : City of Blinding Lights |  | Hacker Rank |
| 5. | Kruskal (MST): Really Special Subtree |  | Hacker Rank |
| 6. | Number of Islands | 200 | Leetcode |
| 7. | Shortest Path Visiting All Nodes | 847 | Leetcode |
| 8. | Network Delay Time (Dijkstra Algorithm) | 743 | Leetcode |
| 9. | Network Delay Time (Bellman Ford) | 743 | Leetcode |
| 10. | Network Delay Time (Warshall Ford) | 743 | Leetcode |
| 11. | Possible Bipartition | 886 | InterviewBit |
| 12. | Is Graph Bipartite? | 785 | Leetcode |
| 13. | Graph Connectivity With Threshold | 1627 | Leetcode |
| 14. | Largest Color Value in a Directed Graph | 1857 | Leetcode |
| 15. |  |  | Leetcode |
| 16. |  |  | Leetcode |
| 17. |  |  | Leetcode |
| 18. |  |  | InterviewBit |
| 19. |  |  | Leetcode |
| 20. |  |  | Leetcode |
| 21. |  |  | Leetcode |
| 22. |  |  | Leetcode |
| 23. |  |  | Leetcode |
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***Problems Not Solve in First Try:***

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| --- | --- | --- | --- |
| S.No. | Problem Name | Problem Number | Platform |
| 1. | All Paths From Source to Target | 797 | Leetcode |
| 2. | Cycle in Directed Graph |  | InterviewBit |
| 3. | Cycle in Undirected Graph |  | InterviewBit |
| 4. | Find Words That Can Be Formed by Characters | 1160 | Leetcode |
| 5. | Floyd : City of Blinding Lights |  | Hacker Rank |
| 6. | Kruskal (MST): Really Special Subtree |  | Hacker Rank |
| 7. | Number of Islands | 200 | Leetcode |
| 8. | Shortest Path Visiting All Nodes | 847 | Leetcode |
| 9. | Network Delay Time (Dijkstra Algorithm) | 743 | Leetcode |
| 10. | Network Delay Time (Bellman Ford) | 743 | Leetcode |
| 11. | Network Delay Time (Warshall Ford) | 743 | Leetcode |
| 12. | Check If All 1's Are at Least Length K Places Away | 1437 | Leetcode |
| 13. | Possible Bipartition | 886 | Leetcode |
| 14. | Is Graph Bipartite? | 785 | Leetcode |
| 15. | Graph Connectivity With Threshold | 1627 | Leetcode |
| 16. | Largest Color Value in a Directed Graph | 1857 | Leetcode |
| 17. | Subarrays with K Different Integers | 992 | Leetcode |
| 18. | Sliding Window Median | 840 | Leetcode |
| 19. | Grumpy Bookstore Owner | 1052 | Leetcode |
|  |  |  |  |
| 20. |  |  | Leetcode |
| 21. |  |  | Leetcode |
| 22. |  |  | Leetcode |
| 23. |  |  | Leetcode |
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