***Week – 4 (19.04.2021 – 25.04.2021)***

***Topics Completed:***

1. Bit Manipulation:
   * Bitwise AND
   * Bitwise OR
   * Bitwise XOR
   * Bitwise Shift Left
   * Bitwise Shift Right

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

|  |  |  |  |
| --- | --- | --- | --- |
| S.No. | Problem Name | Problem Number | Platform |
| 1. | Number of 1 Bits | 191 | Leetcode |
| 2. | Power of Two | 231 | Leetcode |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |

***15 Solved Random Problems:***

|  |  |  |  |
| --- | --- | --- | --- |
| S.No. | Problem Name | Problem Number | Platform |
| 1. | Student Attendance Record I | 551 | Leetcode |
| 2. | ZigZag Conversion | 6 | Leetcode |
| 3. | Valid Parentheses | 20 | Leetcode |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |
| 7. |  |  |  |
| 8. |  |  |  |
| 9. |  |  |  |
| 10. |  |  |  |
| 11. |  |  |  |
| 12. |  |  |  |
| 13. |  |  |  |
| 14. |  |  |  |
| 15. |  |  |  |

***Problems in PDF:***

|  |  |  |  |
| --- | --- | --- | --- |
| S.No. | Problem Name | Problem Number | Platform |
| 1. | Reverse Bits | 120 | Leetcode |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |
| 6. |  |  |  |

***Problems Not Solve in First Try:***

|  |  |  |  |
| --- | --- | --- | --- |
| S.No. | Problem Name | Problem Number | Platform |
| 1. | Reverse Bits | 120 | Leetcode |
| 2. | Number of 1 Bits | 191 | Leetcode |
| 3. | Power of Two | 231 | Leetcode |
| 4. | ZigZag Conversion | 6 | Leetcode |
| 5. |  |  |  |
| 6. |  |  |  |
| 7. |  |  |  |