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Let's Conquer BitMasking

Be Motivated by the Fear of being Average

| Problem Link | Problem Tags | Difficulty Level |
|--|--|------------------|
| 1 https://codeforces.com/problemset/problem/1527/A | bitmasks | Easy |
| 2 https://codeforces.com/problemset/problem/1421/A | bitmasks,greedy,maths | Easy |
| 3 https://www.codechef.com/submit/ABCXOR | bitwise manipulation,biwise operation | Easy |
| 4 https://www.codechef.com/submit/FINDABC | bitwise operation,greedy,maths | Easy |
| 5 https://codeforces.com/problemset/problem/1698/A | bruteforce,bitmasks | Easy |
| 6 https://www.codechef.com/submit/PRIME_XOR | bitwise manipulation,bitmasks | Easy |
| 7 https://codeforces.com/problemset/problem/1635/A | bitmasks,greedy | Easy |
| 8 https://codeforces.com/problemset/problem/1566/B | bitmasks,dp,greedy,constructive | Easy |
| 9 https://codeforces.com/problemset/problem/1688/A | bitmasks,bruteforce | Easy |
| 10 https://www.codechef.com/submit/XORABC | bitmasks, bit manipulation | Easy |
| 11 https://codeforces.com/problemset/problem/1625/A | bitmasks,greedy,maths | Easy |
| 12 https://www.codechef.com/submit/XORPERM | constructive, algorithms | Easy |
| 13 https://www.codechef.com/submit/SIMPLE_XOR | bitwise manipulation,bitmasks | Easy |
| 14 https://codeforces.com/problemset/problem/1688/B | bitmasks, sorting, greedy | Easy |
| 15 https://codeforces.com/problemset/problem/1696/A | bitmasks, greedy | Easy |
| 16 https://codeforces.com/problemset/problem/202/A | binary search, bitmasking, greedy | Easy |
| 17 https://codeforces.com/problemset/problem/535/B | bitmasks, combinatorics, brute force | Medium |
| 18 https://codeforces.com/problemset/problem/1594/B | bitmasks, maths | Medium |
| 19 https://www.codechef.com/submit/XORMUL | bitwise operation,bit manipulation | Medium |
| 20 https://www.codechef.com/submit/ESUBXOR | bitwise operation,bit manipulation | Medium |
| 21 https://codeforces.com/problemset/problem/1559/A | bitmasks, constructive | Medium |
| 22 https://codeforces.com/problemset/problem/1494/A | bitmasks, implementation | Medium |
| 23 https://codeforces.com/problemset/problem/1699/B | bitmasks, constructive | Medium |
| 24 https://codeforces.com/problemset/problem/579/A | bitmasks | Medium |
| 25 https://codeforces.com/problemset/problem/1567/B | bitmasks | Medium |
| 26 https://codeforces.com/problemset/problem/1632/B | bitmasks, constructive | Medium |
| 27 https://codeforces.com/problemset/problem/1566/C | dp, constructive, bitmasks, greedy | Medium |
| 28 https://leetcode.com/problems/beautiful-arrangement/ | dp, backtracking, bitmasking | Medium |
| 29 https://leetcode.com/problems/fair-distribution-of-cookies/ | dp,backtracking,bit manipulation,bitmasking | Medium |
| 30 https://leetcode.com/problems/maximum-compatibility-score-sum/ | dp,backtracking,bit manipulation,bitmasking | Medium |
| 31 https://leetcode.com/problems/shopping-offers | dp,backtracking,bit manipulation,bitmasking,memoization | Medium |
| 32 https://leetcode.com/problems/maximum-product-of-the-length-of-two-palindromic-subsequences/ | dp,backtracking,bit manipulation,bitmasking | Medium |
| 33 https://leetcode.com/problems/partition-to-k-equal-sum-subsets/ | dp,backtracking,bit manipulation,bitmasking,memoization | Medium |
| 34 https://leetcode.com/problems/matchsticks-to-square/ | dp,backtracking,bit manipulation,bitmasking | Medium |
| 35 https://leetcode.com/problems/minimum-number-of-work-sessions-to-finish-the-tasks/ | dp,backtracking,bit manipulation,bitmasking | Medium |
| 36 https://leetcode.com/problems/can-i-win/ | dp,backtracking,bit manipulation,bitmasking | Medium |
| 37 https://codeforces.com/problemset/problem/1682/B | constructive, bitmasking, sorting | Medium |
| 38 https://www.codechef.com/submit/ANDEQ | bitmasking, bit manipulation | Hard |
| 39 https://codeforces.com/problemset/problem/467/B | bitmasking, implementation | Hard |
| 40 https://leetcode.com/problems/maximum-score-words-formed-by-letters/ | dp,backtracking,bit manipulation,bitmasking | Hard |
| 41 https://leetcode.com/problems/count-subtrees-with-max-distance-between-cities/ | dp,backtracking,bit manipulation,bitmasking,Trees, Enumeration | Hard |
| 42 https://leetcode.com/problems/shortest-path-visiting-all-nodes/ | dp,bit manipulation, DFS, graph | Hard |
| 43 https://leetcode.com/problems/number-of-squareful-arrays/ | array, dp, math, bitmasking | Hard |