

Problems

- Very Basic

a. Theory – syntax of your preferred language, [ceil and floor](#), [modulo](#)

b. Problems –

1. <https://www.codechef.com/problems/FLOW001>
2. <https://www.codechef.com/problems/FLOW006>
3. <https://www.codechef.com/problems/FLOW002>
4. https://atcoder.jp/contests/abc206/tasks/abc206_a
5. <https://www.codechef.com/problems/FLOW018><https://www.hackerrank.com/challenges/a-very-big-sum/problem> (Use of long)

- Theory

Make sure you read the following before attempting the given problems –

1. [Swap](#), [Min](#), [Max](#), [__gcd](#), [abs](#), [sqrt](#)
2. [Vector](#), [sort](#), [reverse](#), [size](#)

- Easy and Medium Problems

1. <https://www.codechef.com/problems/SOCKS1>
2. https://atcoder.jp/contests/abc218/tasks/abc218_a
3. <https://codeforces.com/problemset/problem/546/A>
4. <https://codeforces.com/problemset/problem/1454/A>
5. <https://www.codechef.com/problems/CHEFSTR1>
6. <https://www.hackerrank.com/challenges/birthday-cake-candles/problem>
7. <https://www.codechef.com/problems/SNAPE>
8. <https://www.codechef.com/problems/FLOW016>
9. https://atcoder.jp/contests/abc213/tasks/abc213_a
10. <https://www.hackerrank.com/challenges/migratory-birds/problem>
11. <https://leetcode.com/problems/minimum-operations-to-make-the-array-increasing/>
12. <https://codeforces.com/problemset/problem/344/A>

13. <https://codeforces.com/problemset/problem/580/A>
14. <https://codeforces.com/problemset/problem/617/A>
15. <https://leetcode.com/problems/xor-operation-in-an-array/>
16. <https://leetcode.com/problems/factorial-trailing-zeroes/>
17. <https://leetcode.com/problems/subtract-the-product-and-sum-of-digits-of-an-integer/>
18. <https://www.hackerrank.com/challenges/divisible-sum-pairs/problem>
19. <https://codeforces.com/problemset/problem/1370/A>
20. <https://leetcode.com/problems/maximum-product-difference-between-two-pairs/>

● Hard Problems

1. <https://leetcode.com/problems/maximum-product-of-three-numbers/>
2. <https://codeforces.com/problemset/problem/118/A>
3. <https://codeforces.com/problemset/problem/1399/A>
4. <https://leetcode.com/problems/bulb-switcher/>
5. <https://leetcode.com/problems/how-many-numbers-are-smaller-than-the-current-number/>