Extra Problems: Number Theory 1

In this module, we covered the basic concepts of:

- Checking Primality of a number in SQRT(N)
- Sieve Algorithm
- Segmented Sieve
- Euclid's Algorithm
- LDE and solving them using Extended Euclid's Algorithm

As a competitive programmer, you should be practising enough problems to master a topic. The codestudio portal offers multiple problems under a tag of 'Number Theory'. Additionally, we recommend practising these problems from the popular CP platforms to strengthen your concepts further.

Prime Numbers and Factors

- [ ] https://www.spoj.com/problems/BSPRIME/
- [ ] https://codeforces.com/contest/776/problem/B
- [ ] https://codeforces.com/problemset/problem/17/A
- [ ] https://www.spoj.com/problems/COMDIV

Euclid Algorithm

- [ ] https://codeforces.com/problemset/problem/1025/B

Extended Euclid Algorithm

- [ ] https://codeforces.com/contest/633/problem/A
- [ ] https://codeforces.com/problemsets/acmsguru/problem/99999/106