Programming Contest Problems for Week Ten

Please work on some of these fun programming contest problems during the lab session while waiting to be interviewed on your assignment. To earn your participation marks for the lab, you should work together in a small team of two or three students.

To be able to submit solutions, you will need to make a Codeforces account here: http://codeforces.com/register.

The problems this week all revolve around the use of graphs, so start practising your graph algorithms!

Important

1. Codeforces 20C - Dijkstra: http://codeforces.com/problemset/problem/20/C

Easier

1. Codeforces 500A - New Year Transportation: http://codeforces.com/problemset/problem/500/A
2. Codeforces 520B - Two Buttons: http://codeforces.com/problemset/problem/520/B
3. Codeforces 115A - Party: http://codeforces.com/problemset/problem/115/A

Harder

1. Codeforces 687A - NP-Hard Problem: http://codeforces.com/problemset/problem/687/A
2. Codeforces 731C - Socks: http://codeforces.com/problemset/problem/731/C

Challenge

1. Codeforces 721C - Journey: http://codeforces.com/problemset/problem/721/C
2. Codeforces 715B - Complete the Graph: http://codeforces.com/problemset/problem/715/B