1. A - Building graphs:

   https://codeforces.com/group/C71Rz4W66e/contest/325457/submission/114187173

2. B - Building graphs (cycles and transposition)
   https://codeforces.com/group/C71Rz4W66e/contest/325457/submission/114187205

3. C - Shortest network paths
   https://codeforces.com/group/C71Rz4W66e/contest/325457/submission/114187219