Organized by BME VIK SZIT:

Competitive Programming Student Group

```
int find_set(int v) {
    if (v == parent[v])
        return v;
    return find_set(parent[v]);
}

void union_sets(int a, int b) {
    a = find_set(a);
    b = find_set(b);
    if (a != b)
        [b] = a;
}
```

```
struct Edge {
    int u, v, weight;
    bool operator<(Edge const& other) {
        return weight < other.weight;
    }
};

int n;
vector<Edge> edges;
```

```
void update(int v, int tl, int tr, int pos, int new_val) {
    if (tl == tr) {
        t[v] = make_data(
    } else {
        int tm = (tl +
        if (pos <= tm)
            update(v*2,            new_val);
        else
            update(v*2+1           pos, new_val);
        t[v] = combine(t           -1]);
    }
}
```

- Theory of Algorithms in practice
- Challenging exercises
- Preparation for the ICPC competition
- CodeForces, LeetCode

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#maxflow   #dp   #segmenttree   #kruskal   #binarysearch