

Online Judges

→ An online judge is an online system to test programs in programming contests.

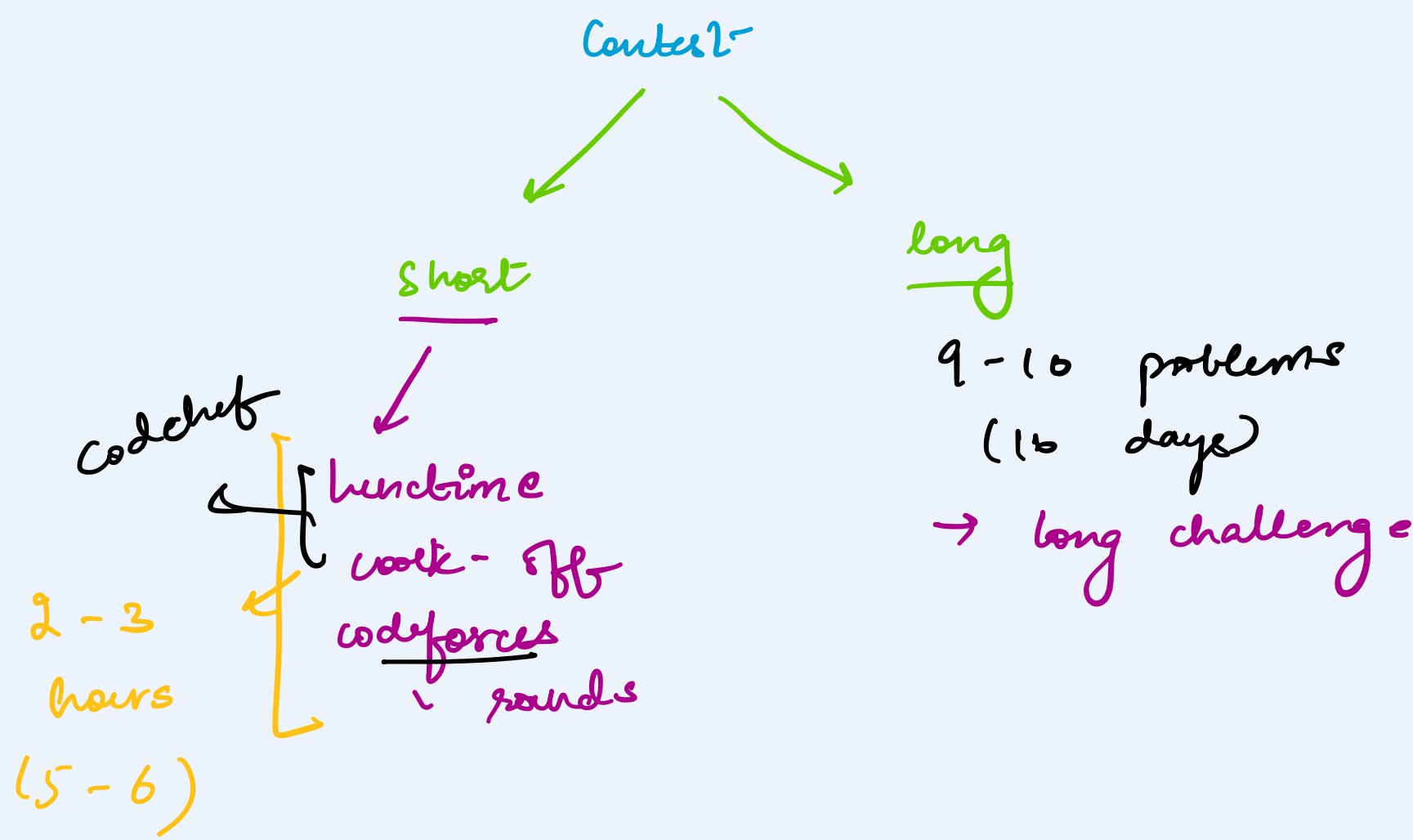
OA compiles & runs your code, shows some output.

- ① TLE → time limit exceeded
- ② MLE →
- ③ RE →

comp {
Codeforces
Codechef
I {
HackerRank
HackerEarth
comp {
AtCoder
Spoj
I {
leetcode
InterviewBit

Contests

Programming competitions held on various online judges where you have to solve problems in a limited time period.



- ① lunch-time
 - codechef
 - 2.5 hours - 3 hrs
 - monthly contest
- ② cook-off
 - 2.5 hours
 - codechef
 - monthly contest
- ③ → long-challenge
 - 10 days
 - monthly contest

→ Codeforces

→ contests are targeted for particular divisions on the basis of ratings on codeforces website.

≥ 1900 → Div 1 (difficult)
 < 2100 → Div 2
 < 1600 → Div 3 } → less ratings
 → educational

ratings / stars

universally recognised representation of skills on the basis of which different divisions are set on online judges

Global contests

- ICPC
- Snackdowns
- Google codejam
- Google Kickstart
- Facebook Hacker Cup

Q n = 5

