

# Introduction to Online Judges

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# Integrated Development Environment (IDEs)

## Online IDE:

- USACO IDE: <https://ide.usaco.guide/>
- repl.it: <https://replit.com/>
- More Online IDEs:  
<https://usaco.guide/general/running-code-online?lang=cpp>

## For C++:

- CodeBlocks (lightweight but outdated)
- Sublime Text (lightweight, does not have many features)
- VSCode (Has many features and plugins)
- CLion (Heavy, has many features, suited more for development)

# Online Judges

- CodeForces: <https://codeforces.com/>
- CodeChef: <http://codechef.com/>
- AtCoder: <https://atcoder.jp/>
- Cses: <https://cses.fi/problemset/>

# Resources:

## For learning:

- USACO Guide: <https://usaco.guide/>

## For problem solving:

- [https://codeforces.com/problemset?order=BY\\_SOLVED\\_DESC](https://codeforces.com/problemset?order=BY_SOLVED_DESC)
- <https://www.codechef.com/practice>

# Problem Solving

- <https://codeforces.com/problemset/problem/4/A>
- <https://codeforces.com/problemset/problem/110/A>
- <https://www.codechef.com/submit/DPOLY>
- <https://www.codechef.com/submit/NUM239>
- [https://atcoder.jp/contests/abc265/tasks/abc265\\_a](https://atcoder.jp/contests/abc265/tasks/abc265_a)