

The 2024 ICPC Asia Hong Kong Regional Contest

Contest Instructions

December 21-22, 2024

Tech Info

- Contest Control System: **DOMjudge 8.3.1**;
- Judge Environments: **Ubuntu 22.04 LTS (Jammy Jellyfish)** ;
- Allowed languages: **C, C++, Java, Kotlin, Python3**;
- The size of the submitted source code must not exceed **256 KiB**;
- Additional technical information can be found at *Applications > Contest > Technical Notes*.

Compilation Args

The detailed compiler version can be found at DOMjudge [Language](#) page.

C (GCC 11.3.0)

```
gcc -x c -Wall -std=gnu11 -O2 -fmax-errors=3 -static -pipe -o "$DEST" "$@" -lm
```

C++ (G++ 11.3.0)

```
g++ -x c++ -Wall -std=gnu++20 -O2 -fmax-errors=3 -static -pipe -o "$DEST" "$@"
```

Java (OpenJDK 17.0.5)

```
javac -encoding UTF-8 -sourcepath . -d . "$@"
```

Kotlin (Version 1.7.21)

```
kotlinc -d . "$@"
```

Python 3 (Python 3.9.15, Pypy 7.3.10)

```
pypy3 -m py_compile "$@"
```



*DO NOT open the problem package,
touch the mouse or keyboard before the start of the contest!
DO NOT use your own electronic devices after the start of the contest!*

DOMjudge Instructions

DOMjudge instructions can be found at *Applications > Contest > Team Guide*.

Problemset and Sample Data

- The time and memory limits and the sample data are available in **Problemset** page.

Submit Code

- You can use **Submit** button to submit your code;
- To submit from the command line, see `submit --help` for details;
- If the files are named correctly (e.g. A.cpp, B.py, etc.), the problem code and language will be automatically recognized;
- Any behavior that is deemed an activity detrimental to the contest may result in disqualification, determined by the staff.

Clarifications

- It is recommended to toggle **Enable Notification** on DOMjudge;
- To request clarification, use `request clarification` button;
- **Please do not post code in your clarification request!**

Print Code

- You can upload your source code file in **Print** page;
- To print from the command line, see `printfile --help` for detail;
- The single printing task limit is **5 pages** A4 paper, the excess will not be printed;
- Please do not submit non-text documents (such as ZIP, PDF).

Judging Result

A detailed judging notes can be found at *Applications > Contest > Judging Notes*.

- **CORRECT**: Your submission is correct, congratulations!
- **WRONG-ANSWER**: Your program output a wrong answer (or did not match the judges' output within the specified tolerance), including output nothing or output limit exceeded.
- **RUN-ERROR**: Your program crashed before completing. There may be many causes for this, including but not limited to division by zero, subscript out of bounds, out of memory, etc.
- **TIMELIMIT**: Your program ran for too long on at least one test case.
- **COMPILER-ERROR**: Your submission was never run because it did not compile. You can click to view details.

It is recommended to output strictly according to the output format described in the problem statements, and there should be **NO** results like **presentation errors**.

The problem set may include one or more *interactive problems*. See additional notes on interactive problems in the detailed judging notes.