Technical Notes

Printing

To print a text file, such as your code or debug output, open a terminal and run:

```
printfile $FILENAME
```

Here, `$FILENAME` is the name of a file you want printed.

Your printouts will be delivered to your seat by staff. **Do not** attempt to pick them up by yourself; the printers are located in the staff area, which teams are not allowed to enter.

Do not use other methods. It's not guaranteed that printing features within applications work.

We do not have many printers. **Do not** attempt to print many pages. Printing excessively long output, for example the whole content of an STL document or a Java API document, is a bad idea and subject to disqualification.

Compiling and executing your code

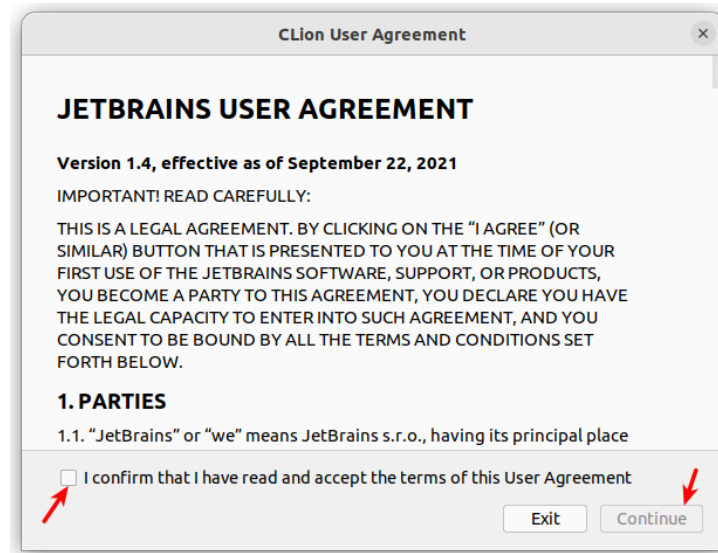You can test your programs with the following commands on your machine.

- C:
  - compile by `compilegcc program.c`, and run by `runc`.
- C++:
  - compile by `compileg++ program.cpp`, and run by `runcpp`.
- Java:
  - compile by `compilejava Program.java`, and run by `runjava Program`.
- Python 3:
  - compile (syntax-check) by `compilepython3 program.py`, and run by `runpython3 program.py`.
- Kotlin:
  - compile by `compilekotlin program.kt`, and run by `runkotlin ProgramKt`.

You are free to execute (test) your programs on your machine using any method you choose. However, it is strongly recommended that you compile and execute your programs using the command line scripts described above, which are what the judges use to compile and execute submissions. Testing your program with these scripts will ensure the closest match to the way in which the judges will compile and execute your programs.
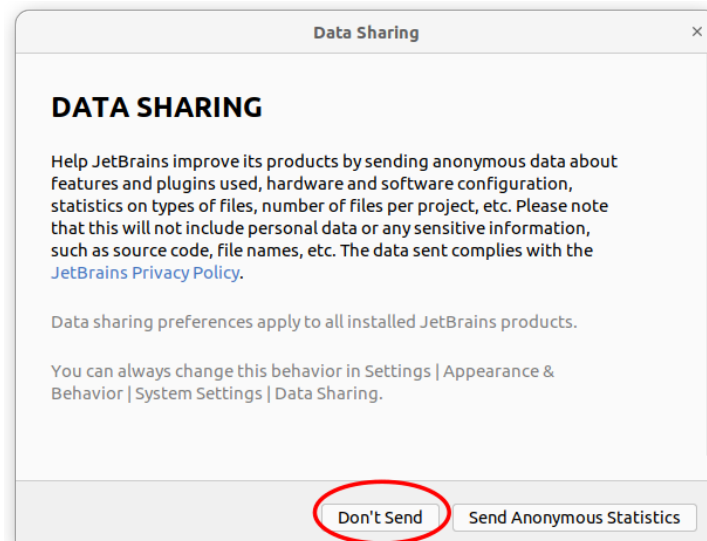
How to activate CLion

To use CLion IDE, you need to activate it. Follow the steps below. Note that you have to do this activation twice, in the practice session and in the main contest, because your system is reset before the main contest.

1. When you run CLion for the first time, you will see the CLion User Agreement dialog. Read the content carefully. Once you are done, check `[I confirm ...]` and click `[Continue]`.
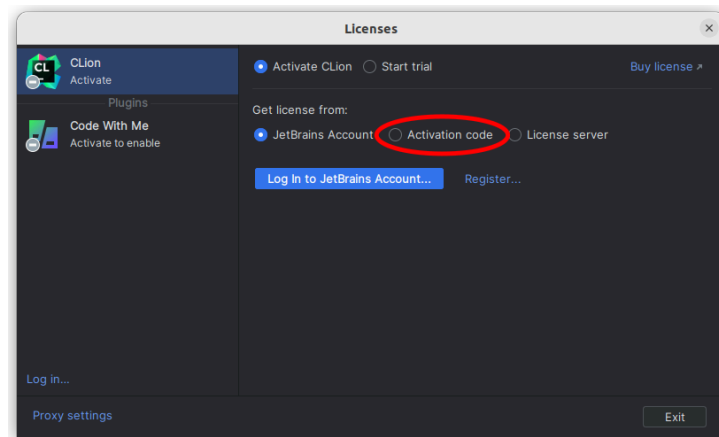

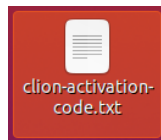2. On the Data Sharing dialog, click `[Don't Send]`.[*1]

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1. In our use case, both buttons work in the same way. It is okay to choose `[Send anonymous statistics]`, but the statistics will not be sent to JetBrains. Remember that your computer can access only to DOMjudge, nowhere else on the internet.
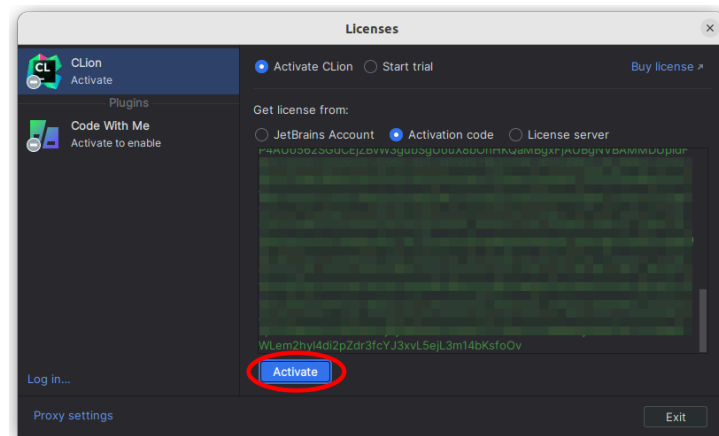
3. On the Licenses dialog, choose `[Activation code]`.

4. On the desktop, find a file named `clion-activation-code.txt`. Double click to open it.

5. Copy-and-paste the file content into the CLion's dialog. Then click `[Activate]`.

6. Now you should see "`Licensed to International Collegiate Programming Contest`" in the dialog. Click `[Continue]` to start using CLion.