

# 2024 NENA Regional (November 10, 2024) — Basic Instructions

## Terminal

To get a terminal, either choose **Terminal** from **Applications** → **System**, or right-click on the desktop and choose **Open Terminal Here**.

## Editors

Several editors can be invoked from the command line: **vi**, **vim**, **emacs**, **gedit**, **geany**, **kate**

## IDEs

Multiple IDEs are available from the **Applications** → **Development** menu. We have not tested all IDE/language pairings, so we cannot guarantee that any given pairing will work seamlessly.

## Language Documentation

The documentation for the five supported programming languages (C, C++, Java, Kotlin, and Python 3) is available in a web format. You can access it using Firefox, where it is set as one of the default tabs and also bookmarked in the bookmarks bar for easy reference. To find it, go to **Applications** → **Web Browser**.

## Compiling/Running

You can compile and/or run (as appropriate for your programming language) either by invoking the usual commands (**gcc**, **g++**, **javac**, **java**, **kotlinc**, **kotlin**, **pypy3**), or by using pre-written scripts. The scripts will include flags that match the ones used by Kattis (you can view the scripts in `/usr/local/bin/`). Here is the list of scripts:

```
$ compilegcc <source-code-filename>  
$ compileg++ <source-code-filename>  
$ compilejava <source-code-filename>  
$ runjava <Java-class-name (without the .class extension)>  
$ compilekotlin <source-code-filename>  
$ runkotlin <Java-class-name (without the .class extension)>  
$ compilepython3 or runpython3 <source-code-filename>
```

## Browser

The available browser is Firefox, which you can select from **Applications** → **Web Browser**.

## Contest Site

The contest site is: <https://naeast24.kattis.com/contests/naeast24>. It will open automatically as the first tab in Firefox.

## Submitting to the Kattis Contest Site

Submitting a solution to the contest site is the same as submitting a solution to Open Kattis. Once the competition begins, you can view the problems under the “Problems” heading, or by clicking on the appropriate letter at the top of the scoreboard column for that problem.

## Printing

To print, use this command: **\$ printfile** <source-code-filename>

Note that if you print in any other way (e.g., using the Print option in an editor or IDE), your print job will not be delivered to you (and you will waste paper).