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CS202

27 August 2021

#### Program 4-5 IDE Writeup

For this project, the Java IDE I chose to use was IntelliJ IDEA. It was super helpful to be working in an IDE for this project, especially because of the way Java programming is structured. Java has no .h files, so all methods and fields are written directly in the class. This made my code (especially my classes) feel very bloated. This is where it was nice to quickly scroll up and down through the code, zip back and forth between files, and easily click right to a line to write code at. There were some other great features that an IDE has that vim does not have. One that I ended up using a lot was the multiple cursor feature. You can use commands to duplicate your cursor for some different conditions, and I used this as a way to pop to matching terms or add/change identical lines very quickly. In the future, I would love to learn some more tricks to make my IDE code writing faster, just like how I would when I started out using vim.

The other nice thing about the IDE was the autofill prompting, error prompting, and quick error fixes. Stuff like just typing "sout" to change to "System.out.println", or using the Scanner class and clicking once to import the proper module were super helpful. Also, error prompting was very nice for a language I was just starting to get used to. Instead of writing code, exiting the text editor, compiling, only to have to sift through a bunch of errors and repeat the process, I was able to see the error right as I typed it. All of this and more is why writing with IntelliJ IDEA was super helpful.