

## Lab 3

Write an app that reads in two integers (data type `int`) and an arithmetic operation from the **bash** command line. The app will then perform the specified operation on the two integers and print out the result.

If you invoke the app with no command line arguments, it will print out information explaining the required command line arguments.

Note that you need to catch all user input errors including:

- Missing command line arguments.
- Badly formed numbers (e.g. 12d8, xyz).  
Use [`sscanf\(\)`](#) to parse the numeric command line arguments.
- Invalid arithmetic operation (the valid ones are: +, -, \*, and /).  
The operation argument is required to be 1 character long.

Directory `~michael.trigoboff/cs201/labs/lab03` contains two files that should be helpful to you:

- You can run `lab03` to see how your code should work.
- You can look at `getnumber.c` for how to use [`sscanf\(\)`](#) to detect input errors.