

## Lab 4

Write an app that reads in a hex integer (data type `int`) from the **bash** command line.

For each of the 4 bytes (i.e. each `char`) in the integer, the app will:

- Extract bits 4-3 from the byte. (Bits in a byte are numbered from the right starting with 0, going up to 7.)
- Shift the extracted bits to the right so that they can be used as a number. The value of this number will be 0, 1, 2, or 3.

The app will add up these four numbers and print out the sum.

You can run `~michael.trigoboff/cs201/labs/lab04/lab04` to see how this should work.