

CS201 Programming Problems

For the first four problems, write **C** programs that read from **stdin** and write to **stdout**. Save your work in files named `p01.c`, `p02.c`, etc., in a subdirectory of your home directory named **SpringBreak**. Due Mar 9, 2016.

1. Read a list of at most 25 integers and sort them in descending order. Speed is not important. Print the list to **stdout**.
2. Read a list of integers and print them ten per line, using six columns per integer.
3. Read two files of integers named as command line arguments and print them in two columns, with first file on the left and second file on the right. Using ten spaces for each integer, and at least one space between integers. Write output to **stdout**.
4. Read a list of integers and find the integer that occurs most often in the list. The output should be the number, followed by the number of times it appears. Don't forget the newline at the end.
5. Read a file (given as a command line argument) that has the same structure as `/u1/junk/cs201/data.csv` and print it out using the same format as the input file, sorted by age (youngest to oldest). Write output to **stdout**.