

CS201 Quiz

Create a subdirectory of your home directory named `apr13`, and place your solutions there. Name your solutions `p1.c`, `p2.c`, and `p3.c`.

1. Write a C program that prints the numbers from 1 to 20 on one line, with a comma (and no space) between the numbers. There should be no comma before the first number or after the last number. Use a for-loop to print the numbers.
2. Write a C program that opens a text file named as a command line argument. The file will contain one word per line. Print the word that comes first, alphabetically.
3. Write a C program that has one integer (a 32 bit integer) as a command line argument and which counts the number of zero bits in the binary representation of the integer. The program should print the number of zero bits (which should be a number from 0 to 32).