Write a C program that reads from the standard input an integer n and then sums integers from n to $2n$ if n is non-negative, or from $2n$ to n if n is negative. Write the code in two versions, one using a *for* loop, and the other using a *while* loop.

Write your code under lab1 on the virtual machine, and submit it using the git instructions at http://dna.engr. uconn.edu/moodle/mod/page/view.php?id=129.