

<b>gcc program.c</b> # Compiles program.c and generates a default executable named a.out <b>./a.out</b> # Runs the compiled program
<b>gcc program.c -o my_program</b> # Compiles program.c and creates an executable named my_program <b>./my_program</b> # Runs the compiled program
<b>gcc program.c -o input_program</b> # it takes inputs from input1.txt and displays the result in the terminal. <b>./input_program &lt; input.txt</b>
<b>gcc program.c -o io_program</b> <b>./io_program &lt; input.txt &gt; output.txt</b> # it takes the inputs from input1.txt and creates the myoutput.txt document and writes the result here.
<b>diff output1.txt myoutput.txt</b> # compares the document output1.txt with the document myoutput.txt.
<b>diff --ignore-all-space output1.txt myoutput.txt</b> # compares the document output1.txt with the document myoutput.txt without ignoring the spaces.

## QUESTION 1

Create a singly linked list using *n* integers entered by the user. Write a function named **Ordering** that processes the list and moves all positive numbers to the front and all negative numbers to the end of the list.

**NOTE:** The number zero will not be entered.

**Input1:** -3 → 5 → -1 → 2 → -4 → 7 → NULL

**Output1:** 5 → 2 → 7 → -3 → -1 → -4 → NULL