

Programming assignment 01

Turn in this program to the blackboard course website by the due date.

Write a program to read-in a sequence of integers from the keyboard using `scanf()`. Your program will test if the sequence of integers is monotonically **decreasing**.

- 1) Your program will tell the user to input an integer sequence from the keyboard, one-at-a-time. The user is to hit the Enter key after typing each integer.
- 2) If a number entered by the user is greater than or equal to the last entered number, print out that message to the user and end the program.
- 3) When the user enters an integer, `scanf()` will return +1. When the user enters Ctrl-Z (EOF), `scanf()` will return EOF (i.e. the integer value -1). If the user enters EOF (Ctrl-z) after a successful set of monotonically **decreasing** integers, print out that message to the user and terminate your program.