1. (100 pts) Write a program to find the largest digit in a four digit number [1000..9999]. Read the number from the user, find the largest digit and print it. For example,

- if the number is 2583, largest digit is 8
- if the number is 1234, largest digit is 4
- if the number is 1111, largest digit is 1

You can assume that the user enters a 4 digit number. You do not need to use loops for this problem. Name your program recitation1.c

Submit your program electronically using the blackboard system