1. Write a program that reads a string of capital letters, ending with a carriage return, and display the longest sequence of consecutive alphabetically increasing capital letters read.

Sample Input: FGHADEFGHCH

OUTPUT: DEFGH

1. Write a program that prompts the user to enter a character, and on sub sequent lines prints its ascii code in binary, and the number of 1 bits in its ASCII code.

User Input: A

Binary: 0100 0001

Number of 1s: 2