Lab6

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That is, "/bin/ls -l -a" is now allowed. Declare the string variable s where the input from stdin is stored as char userinp[MAXINPUT] where MAXINPUT is defined as 50 using #define.
When reading user input from stdin, your goal is to prevent stack smashing, i.e., overflowing the array userinp[MAXINPUT] which can store at most MAXINPUT characters including EOS.

I set up a counter=0 to track number how many elements are stored in userinp, and increase its value by 1 each time I put char in userinput, once the counter hit 49, I print out the message. I clear userinp at the beginning of while loop.