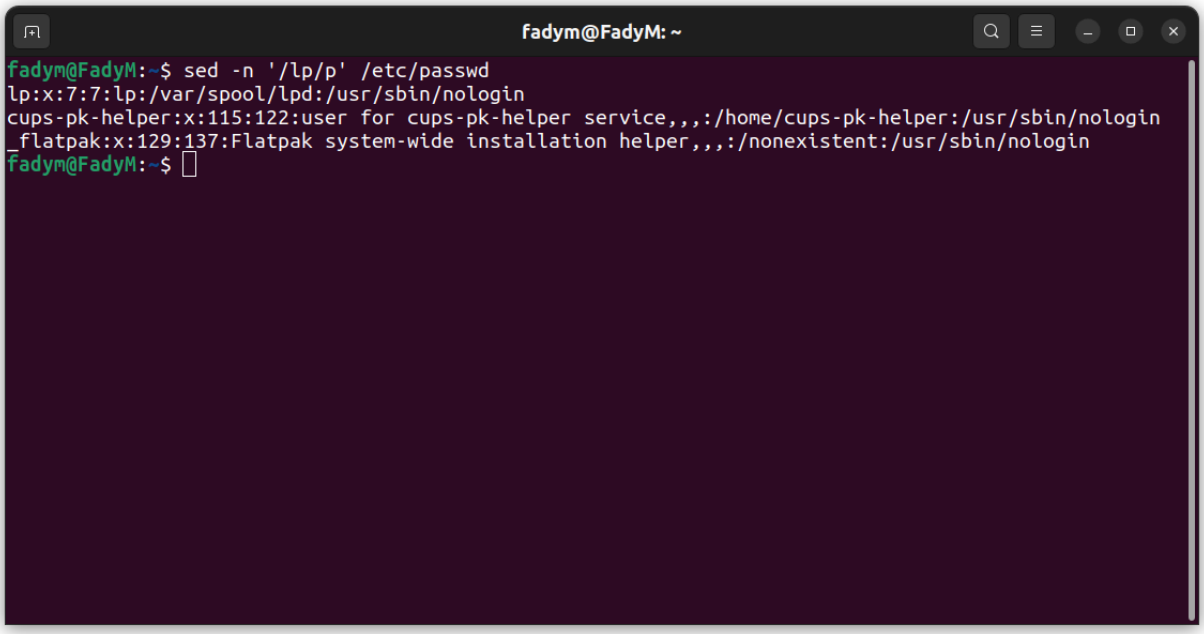
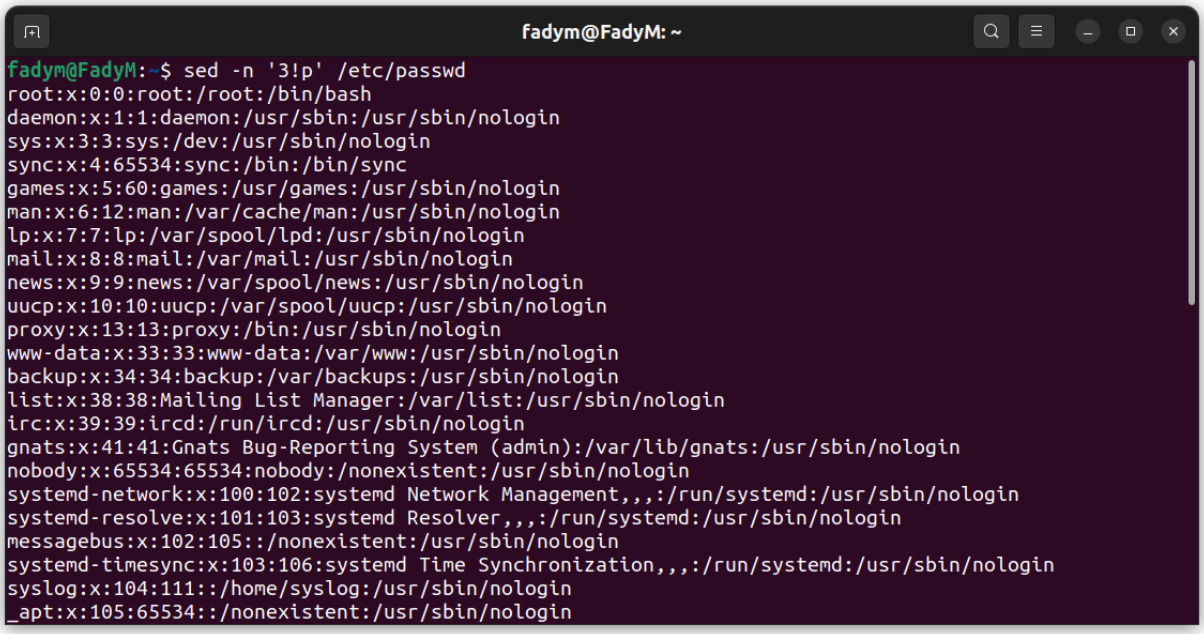
1.Display the lines that contain the word “lp” in /etc/passwd file.

sed -n '/lp/p' /etc/passwd

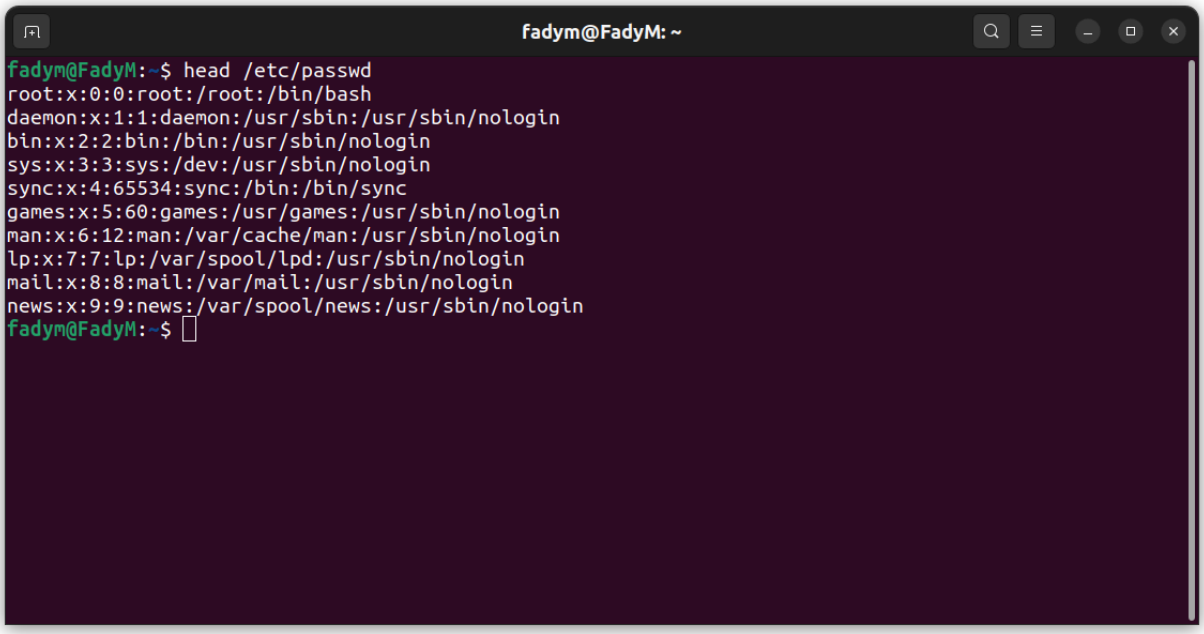


2.Display /etc/passwd file except the third line.

sed -n '3!p' /etc/passwd



Before:



3.Display /etc/passwd file except the last line.

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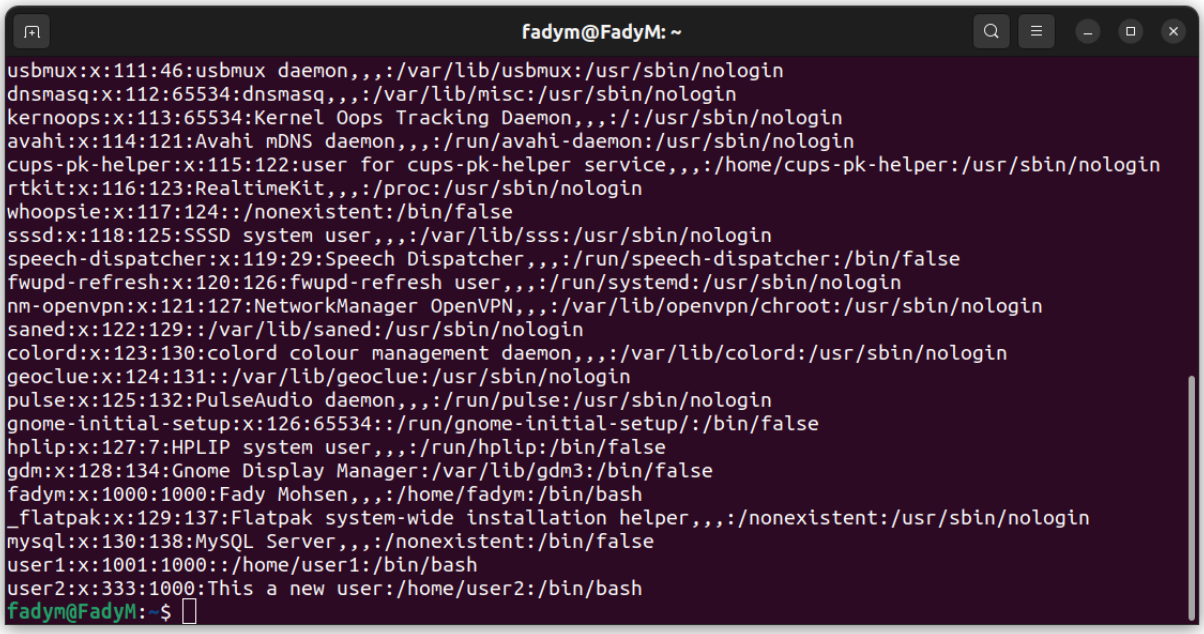
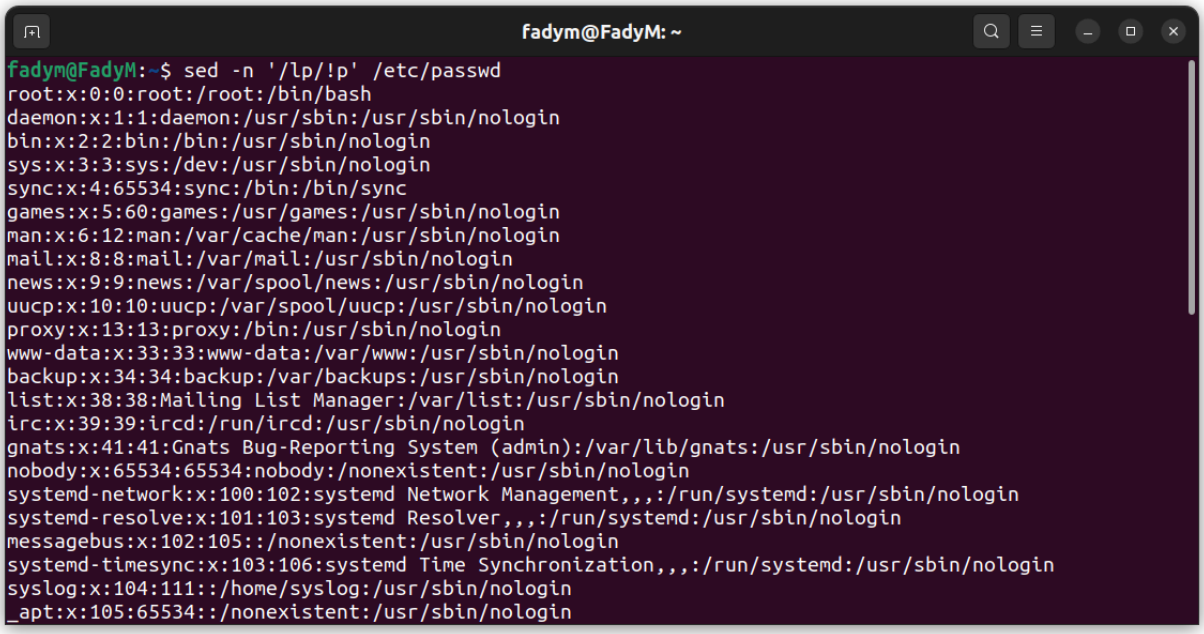
sed -n '$!p' /etc/passwd
```



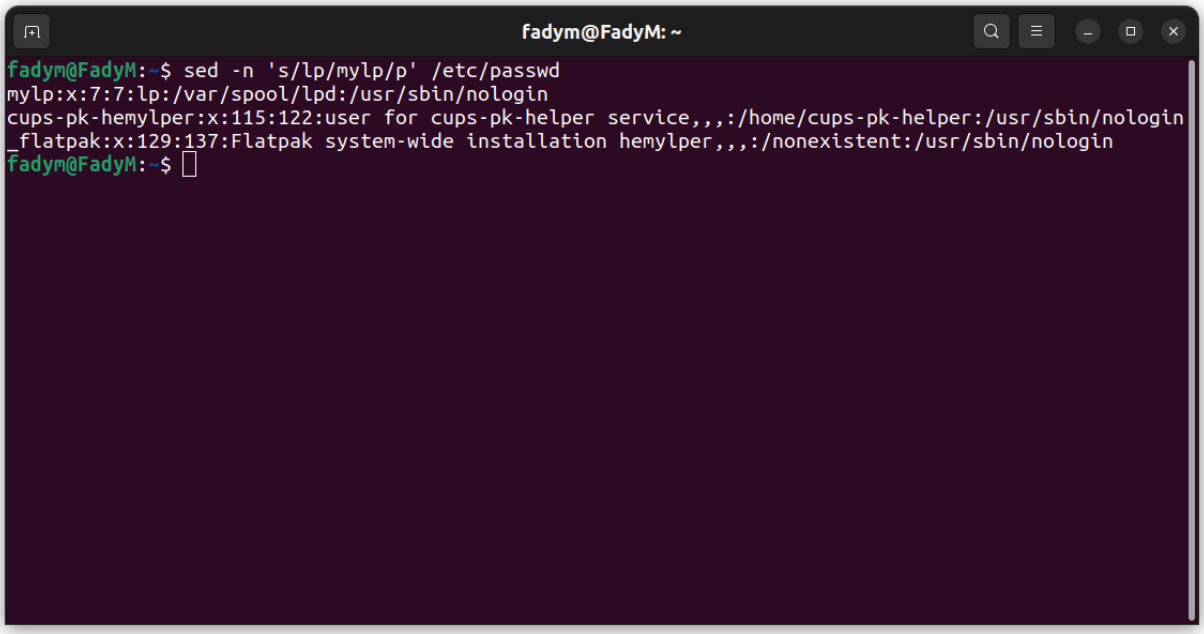
4.Display /etc/passwd file except the lines that contain the word “lp”.

sed -n '/lp/!p' /etc/passwd



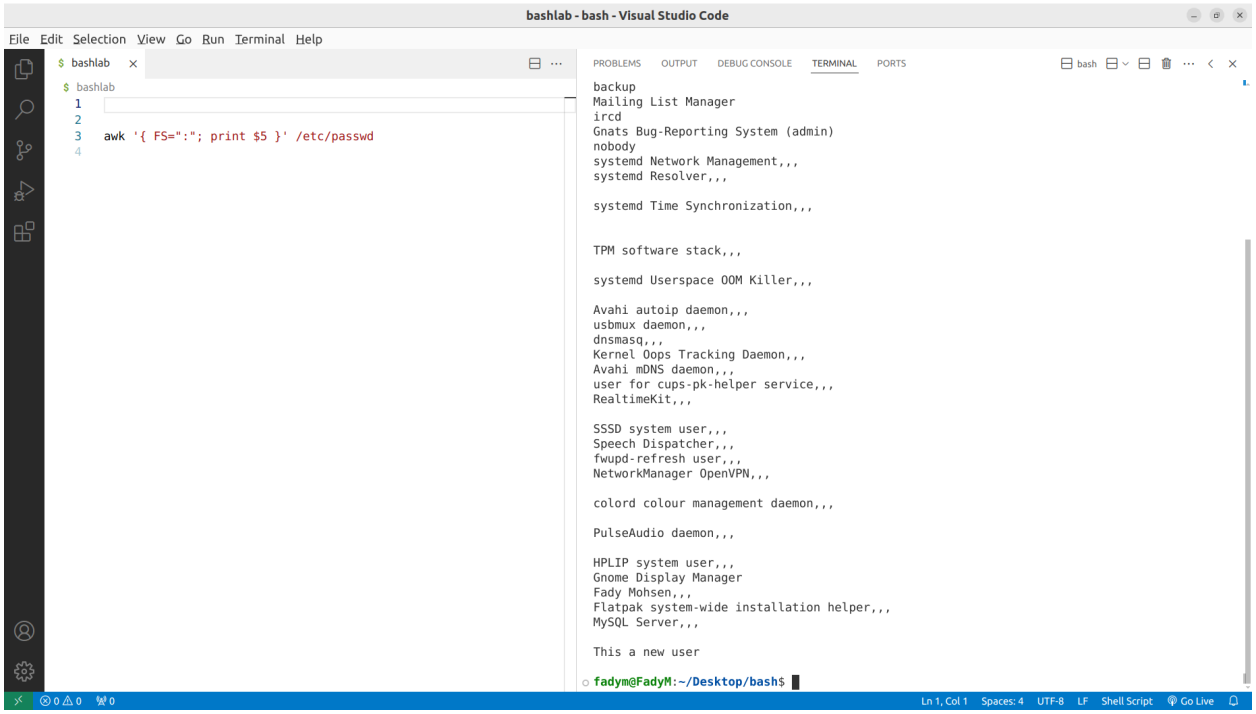
5.Substitute all the words that contain “lp” with “mylp” in /etc/passwd file.

sed -n 's/lp/mylp/p' /etc/passwd



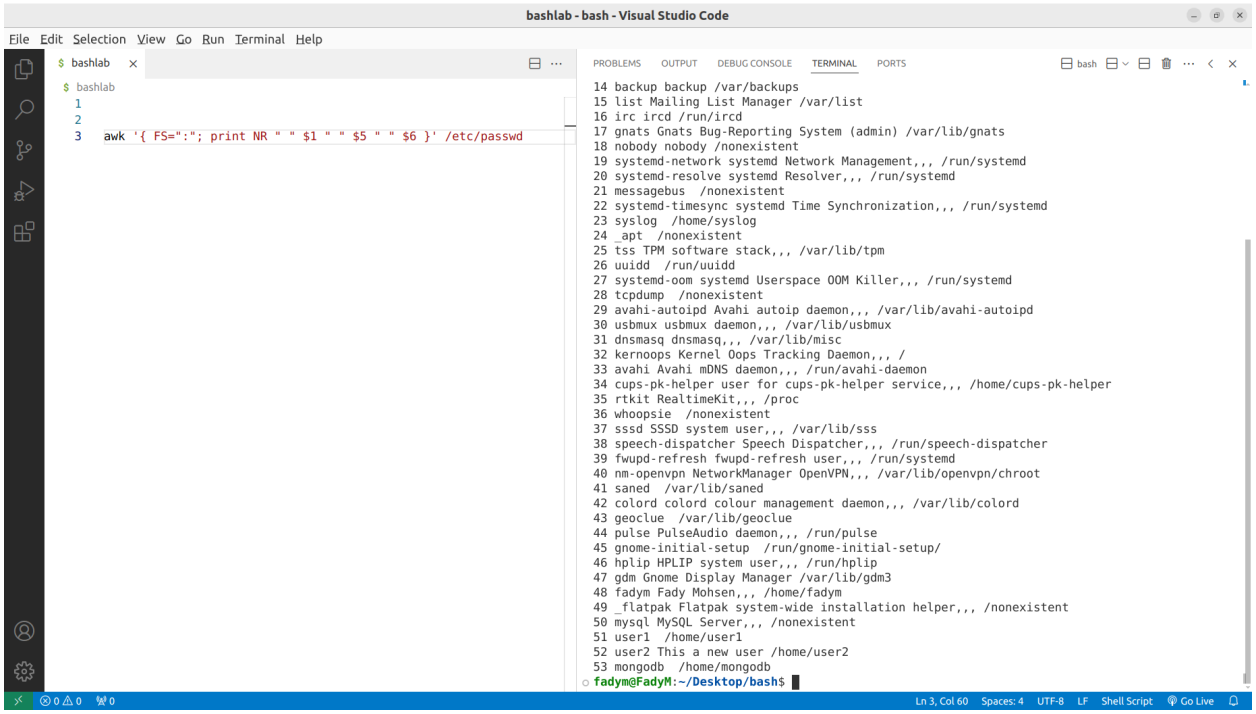
1.Print full name (comment) of all users in the system.

awk '{ FS=":"; print $5 }' /etc/passwd



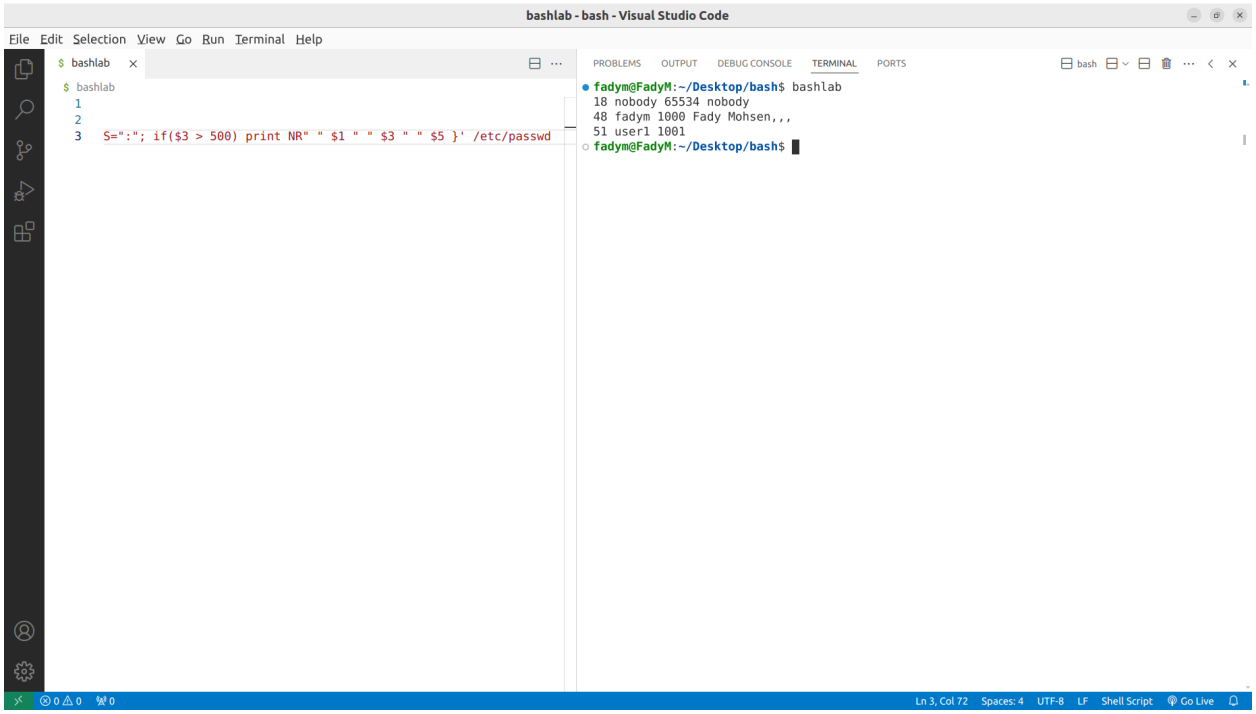
2.Print login, full name (comment) and home directory of all users.(Print each line preceded by a line number)

awk '{ FS=":"; print NR " " $1 " " $5 " " $6 }' /etc/passwd



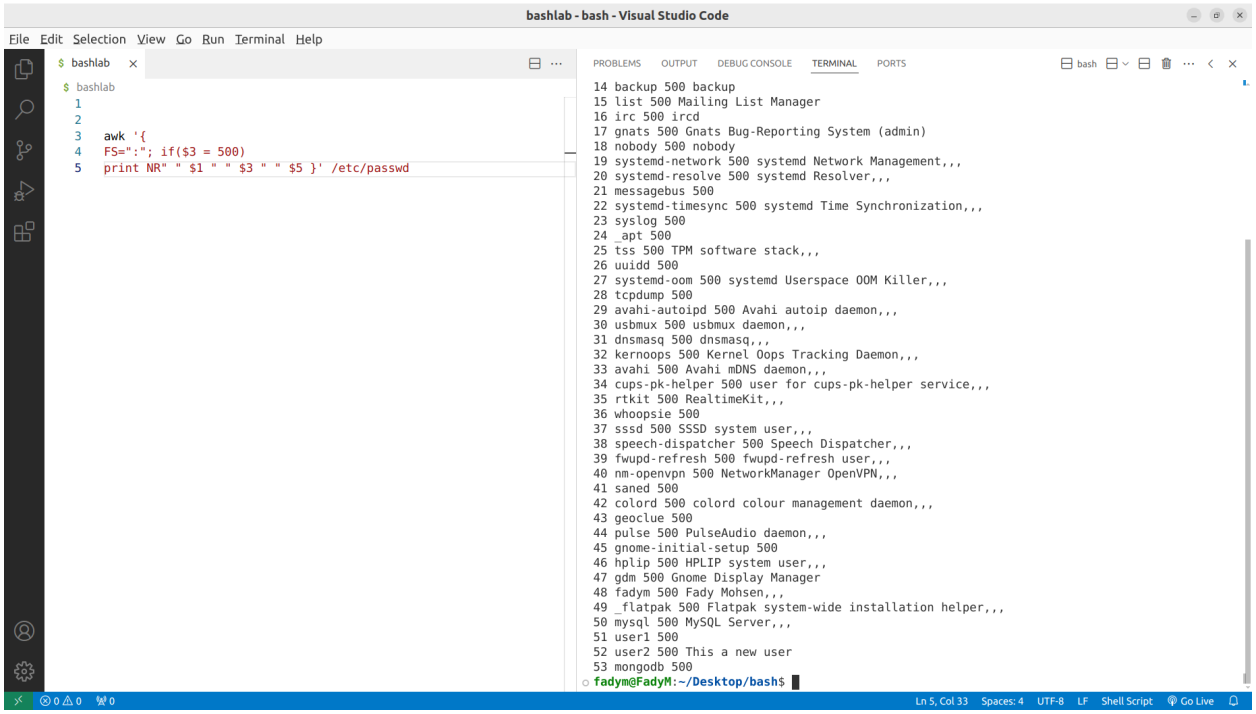
3.Print login, uid and full name (comment) of those uid is greater than 500

awk '{ FS=":"; if($3 > 500) print NR" " $1 " " $3 " " $5 }' /etc/passwd



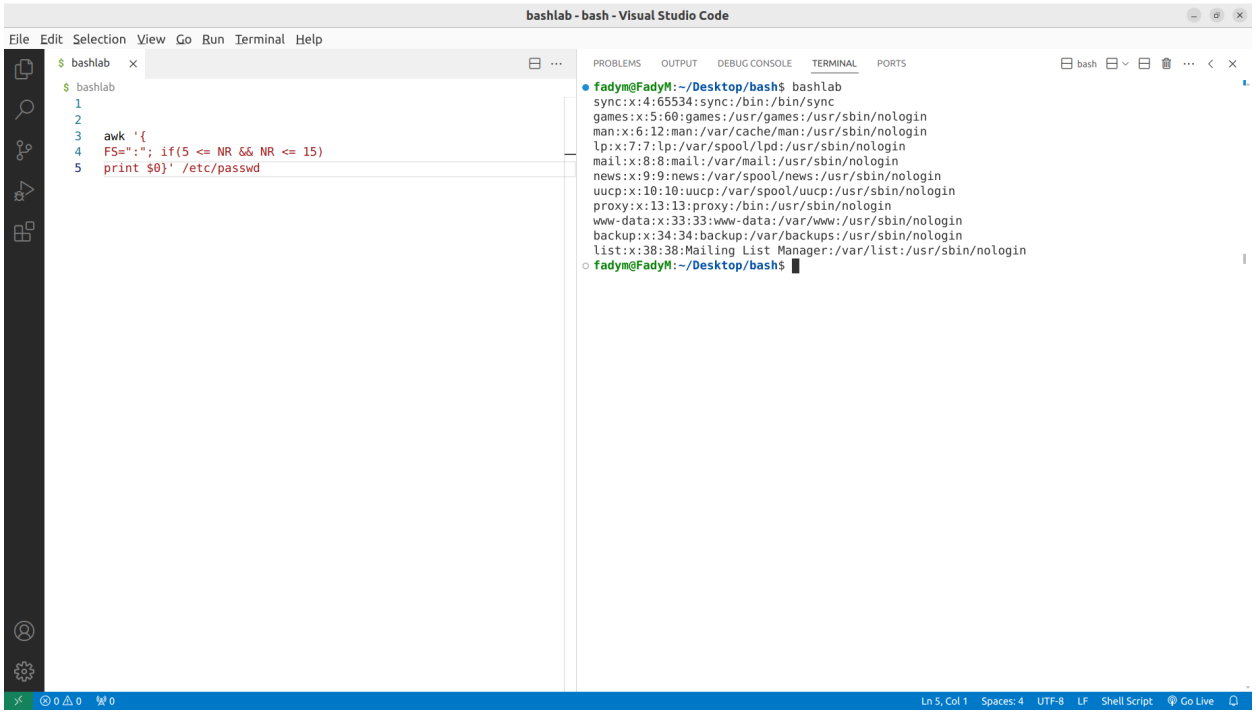
4.Print login, uid and full name (comment) of those uid is exactly 500

awk '{ FS=":"; if($3 = 500) print NR" " $1 " " $3 " " $5 }' /etc/passwd



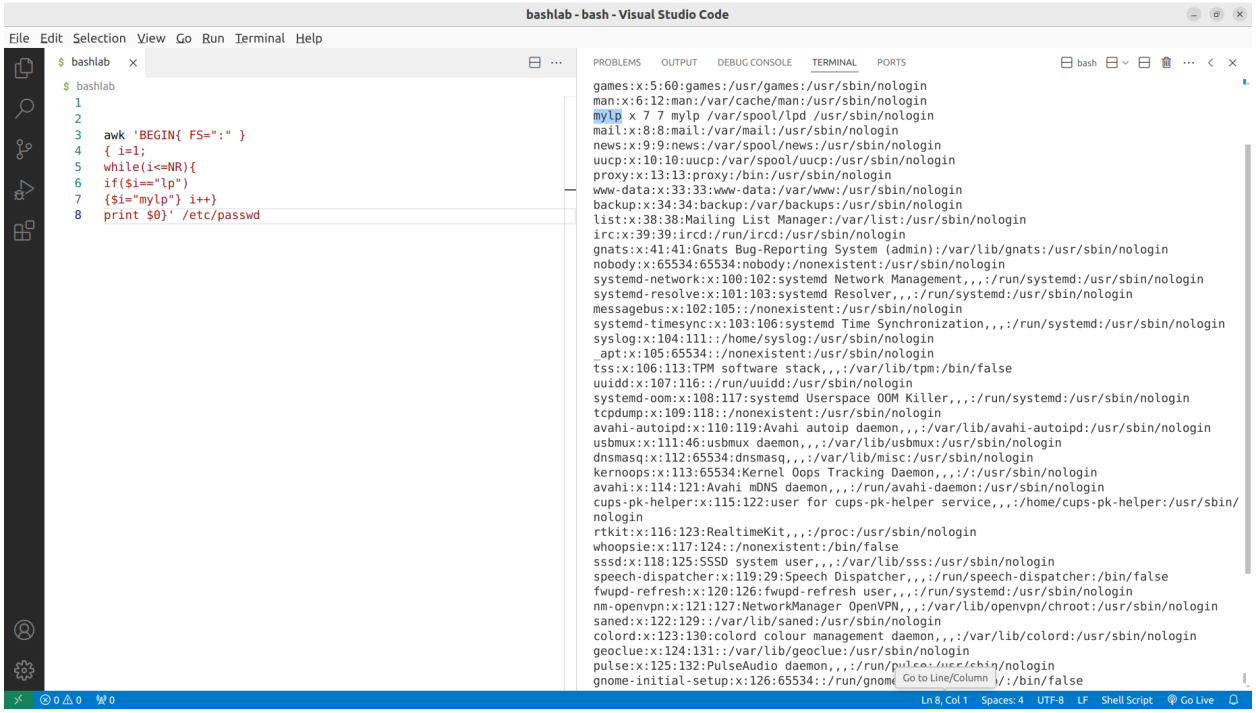
5.Print line from 5 to 15 from /etc/passwd

awk '{ FS=":"; if(5 <= NR && NR <= 15) print $0}' /etc/passwd



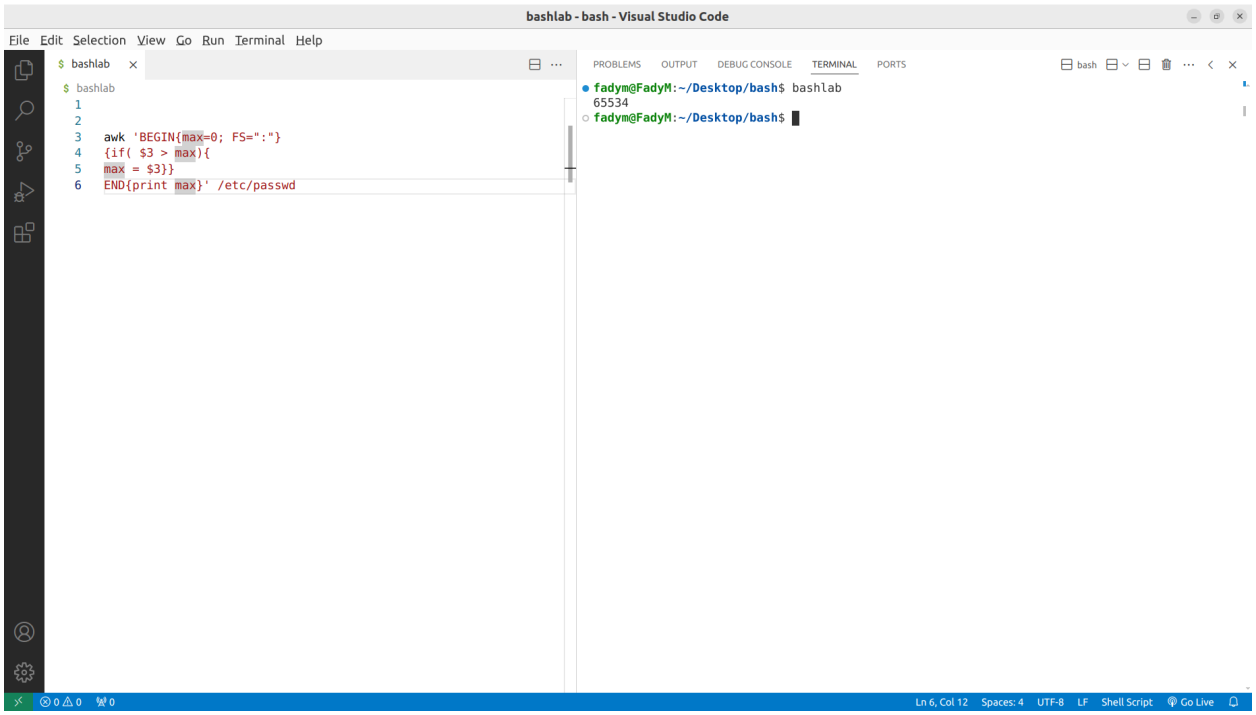
6.Change lp to mylp

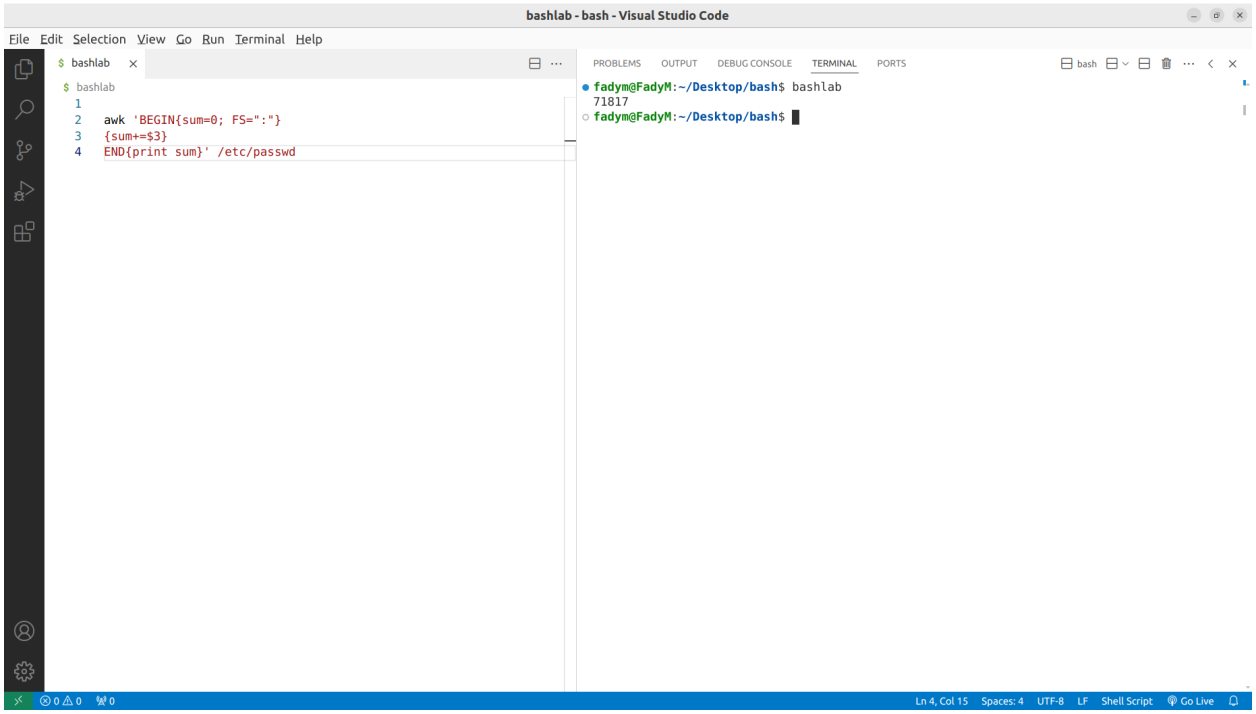
awk 'BEGIN{ FS=":" }{ i=1; while(i<=NR){if($i=="lp"){$i="mylp"} i++} print $0}' /etc/passwd



7.Print all information about greatest uid.

awk 'BEGIN{max=0; FS=":"}{if($3 > max){max = $3}}END{print max}' /etc/passwd



8.Get the sum of all accounts id’s.

awk 'BEGIN{sum=0; FS=":"}{sum+=$3}END{print sum}' /etc/passwd