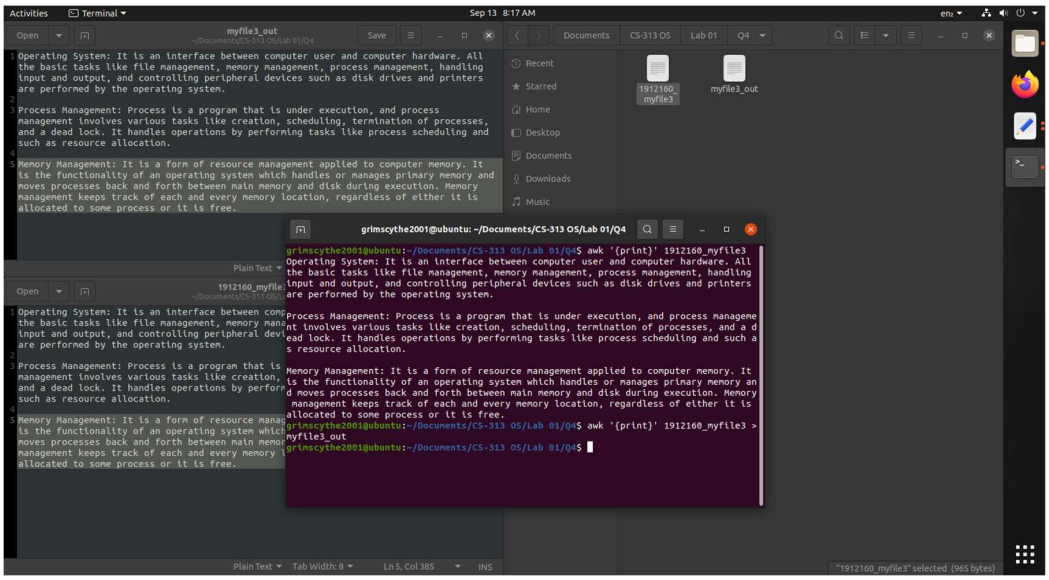
Q.4. Generate a text file with name **<rollnumber_myfile3>**. Define; what is an operating system, what is process and memory management in three paragraphs having almost 150 words in the text file you have created. Then apply these following commands on that file in the terminal and record results in another file named **myfile3_out**. The commands are: { awk, cat, cut, diff, grep, head, less, split, tail, tr, uniq, wc }.

ANSWER:

$nano 1912160_myfile3

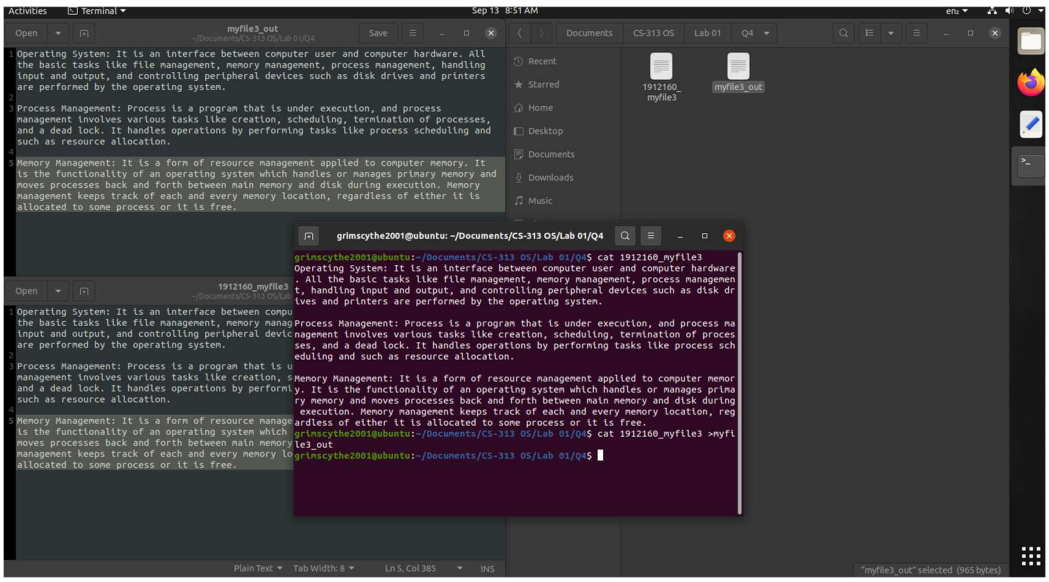
COMMANDS:

1. **awk:** $awk '{print}' 1912160_myfile3
   $awk '{print}' 1912160_myfile3 > myfile3_out



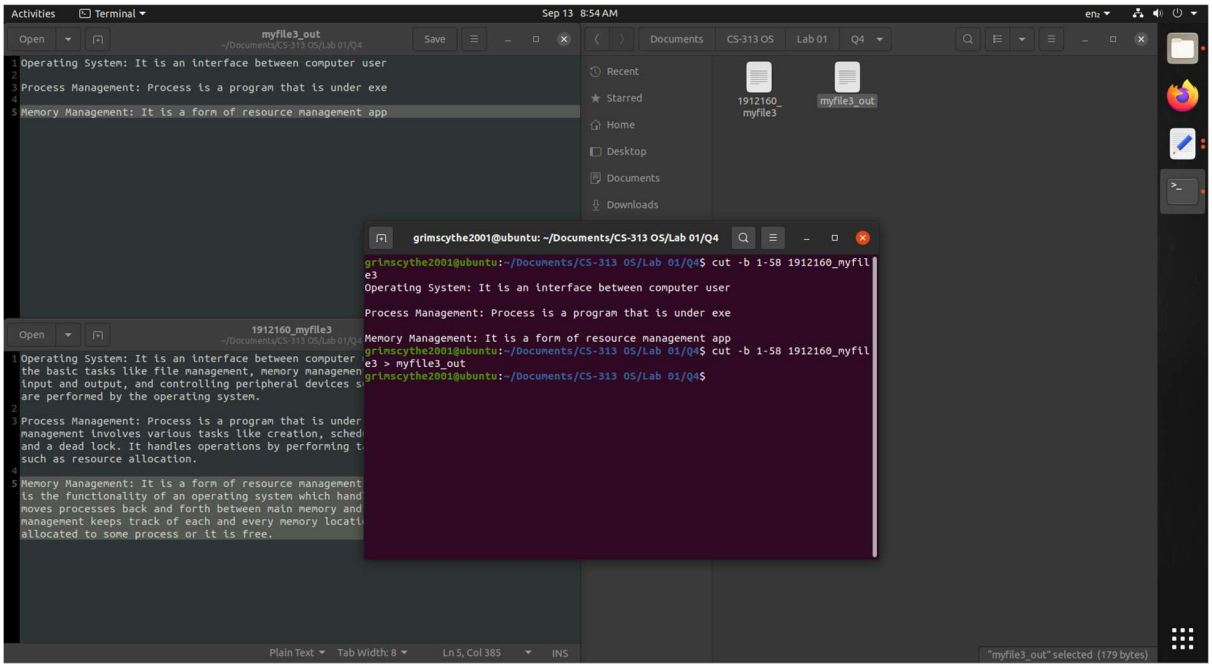
2. **cat:** $cat 1912160_myfile3

   $cat 1912160_myfile > myfile3_out



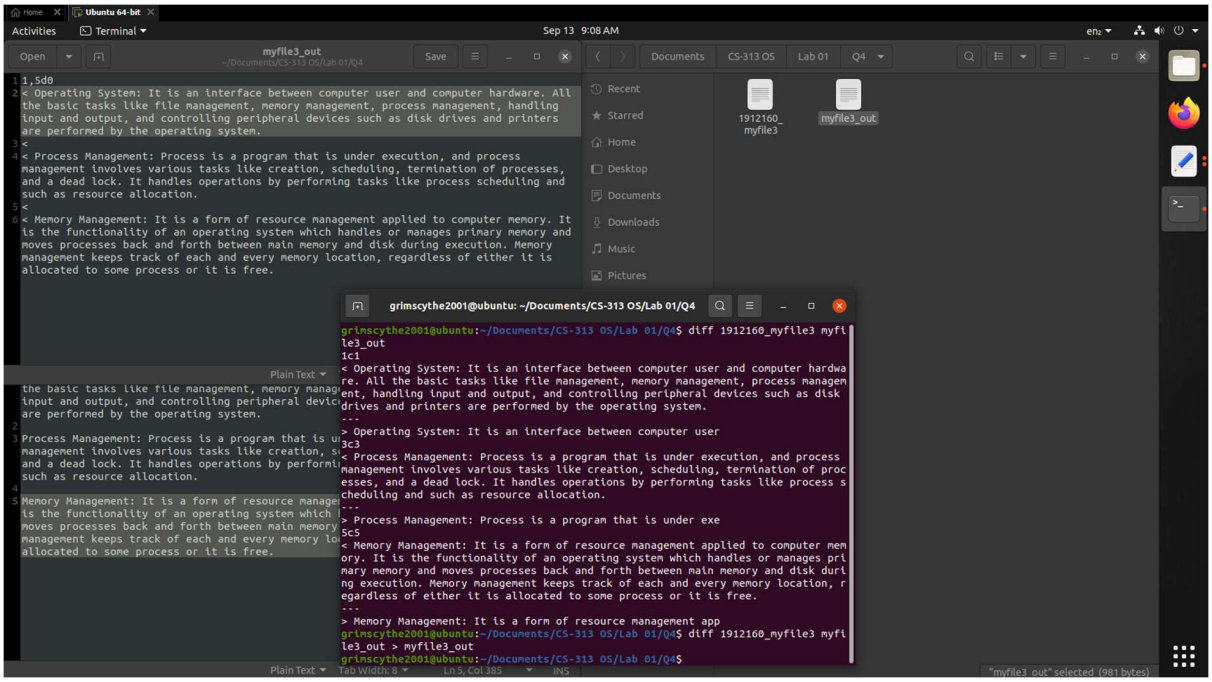
3. cut: $cut -b 1-58 1912160_myfile3

$cut -b 1-58 1912160_myfile3 > myfile3_out

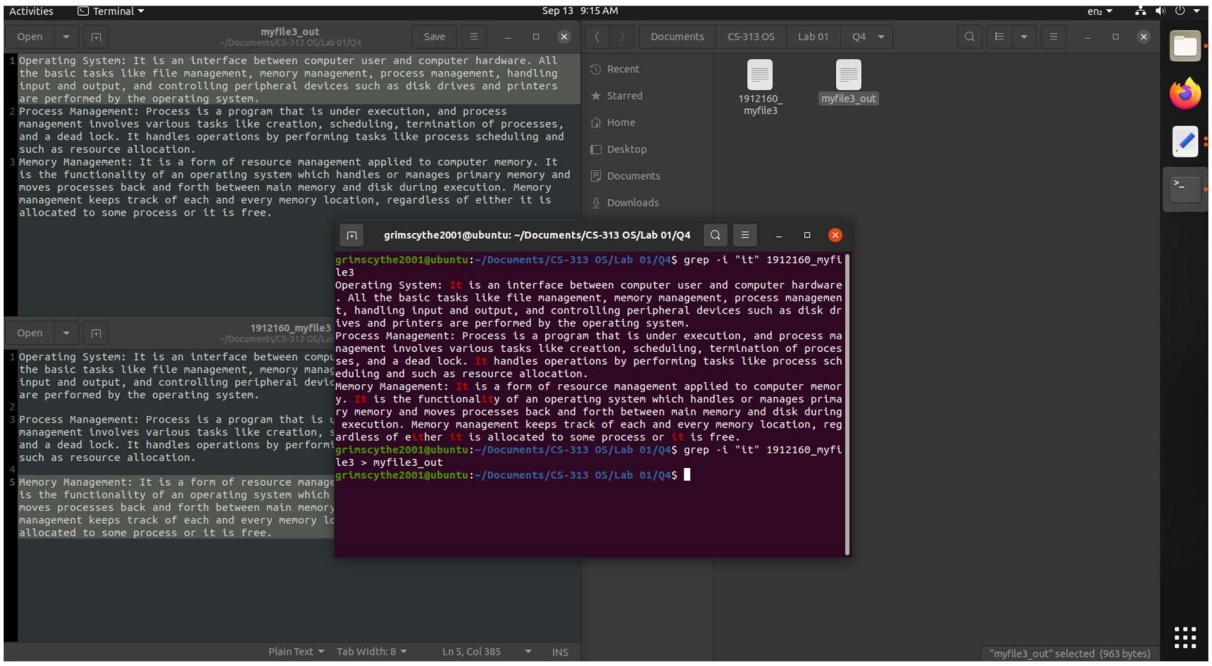


4. diff: $diff 1912160_myfile3 myfile3_out

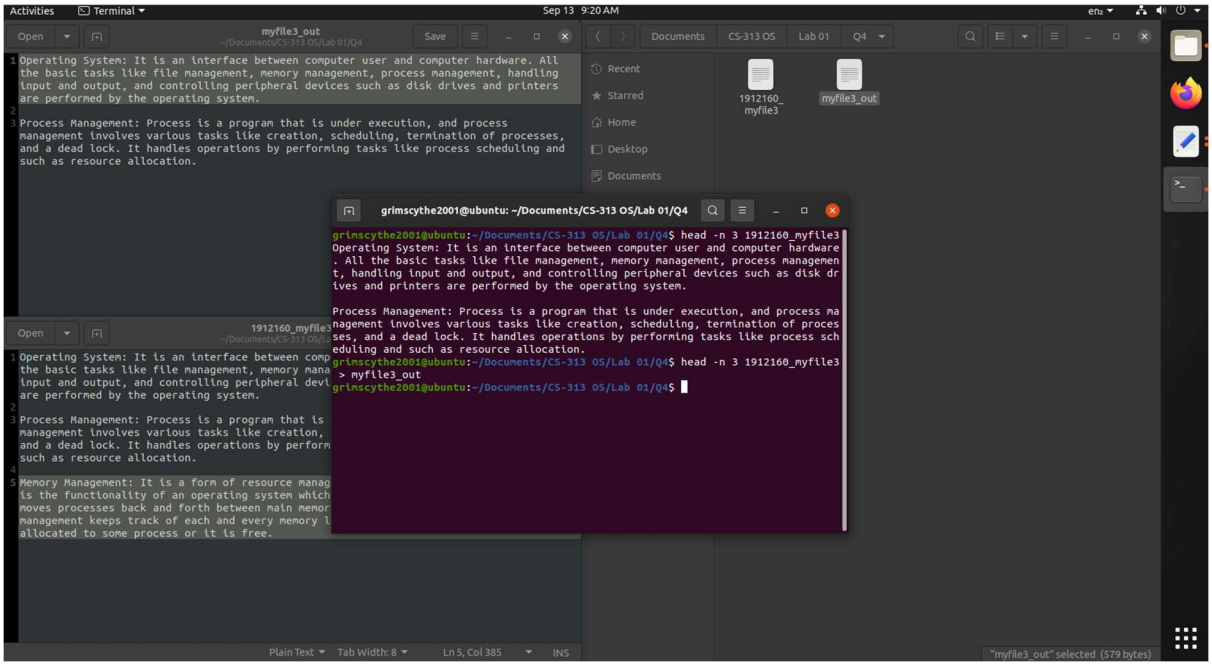
$diff 1912160_myfile3 myfile3_out > myfile3_out



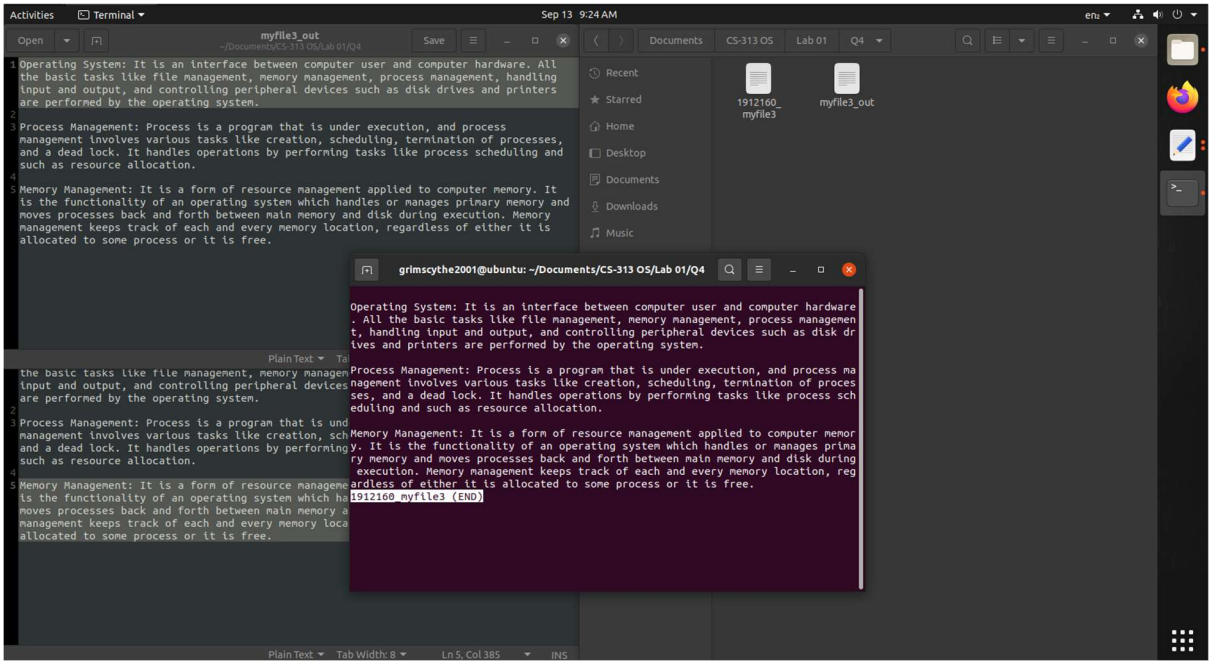
5. **grep:** $grep -i “it” 1912160_myfile3
$grep -i “it” 1912160_myfile3 > myfile3_out



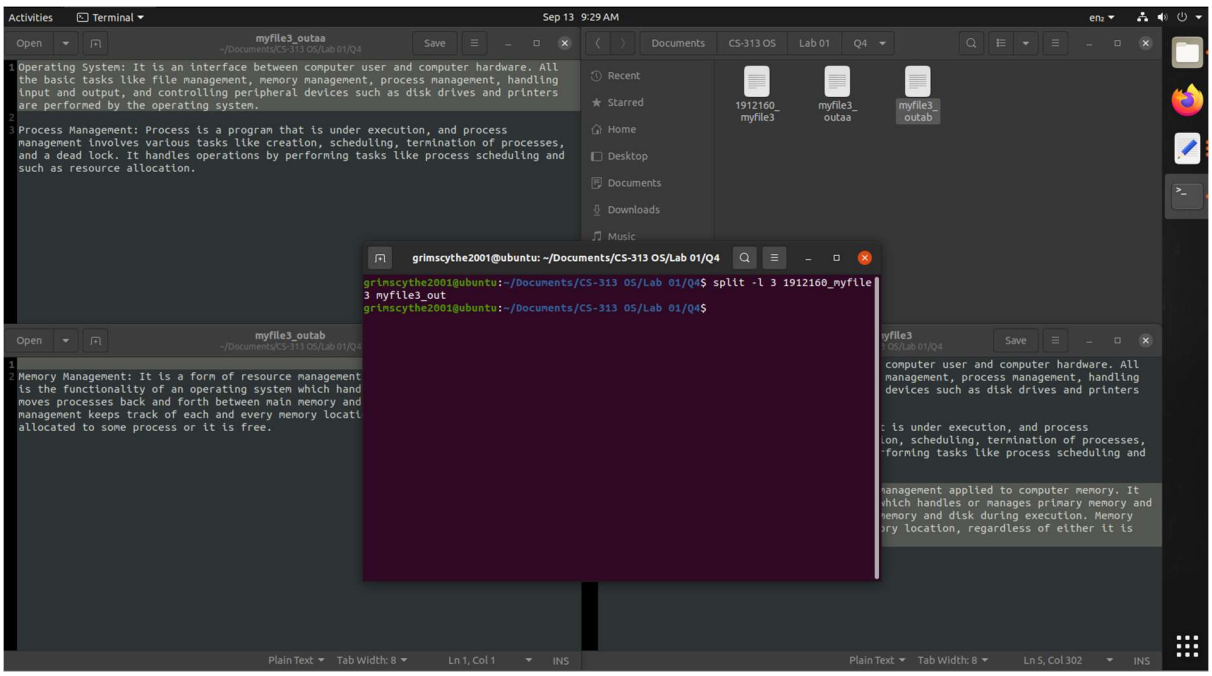
6. **head:** $head -n 3 1912160_myfile3
$head -n 3 1912160_myfile3 > myfile3_out



7. less: $less -n 1912160_myfile3
$less -n 1912160_myfile3 > myfile3_out

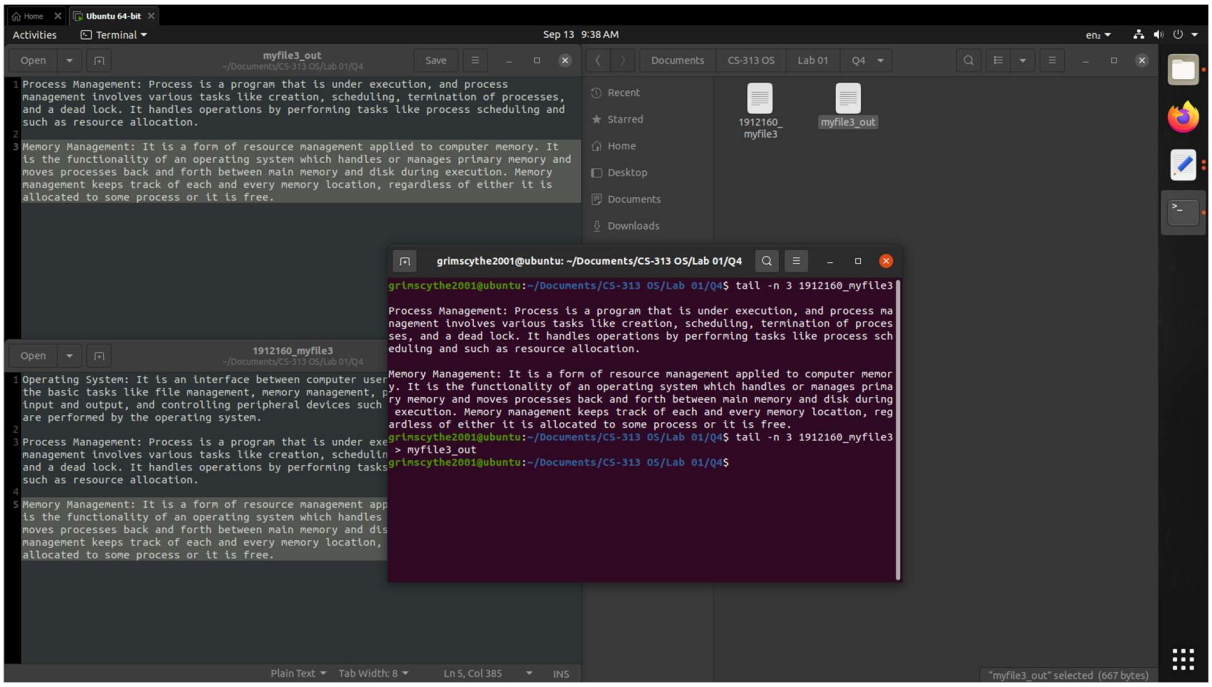


8. split: $split -l 3 1912160_myfile3 myfile3_out



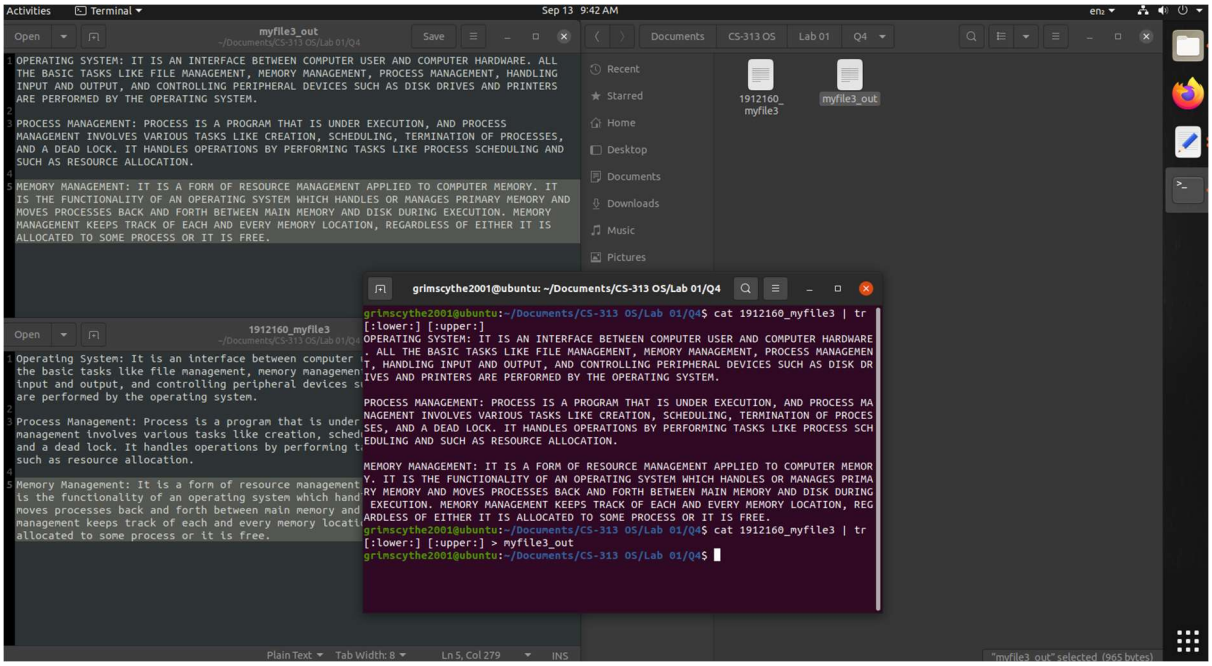
9. tail: $tail -n 3 1912160_myfile3

$tail -n 3 1912160_myfile3 > myfile3_out

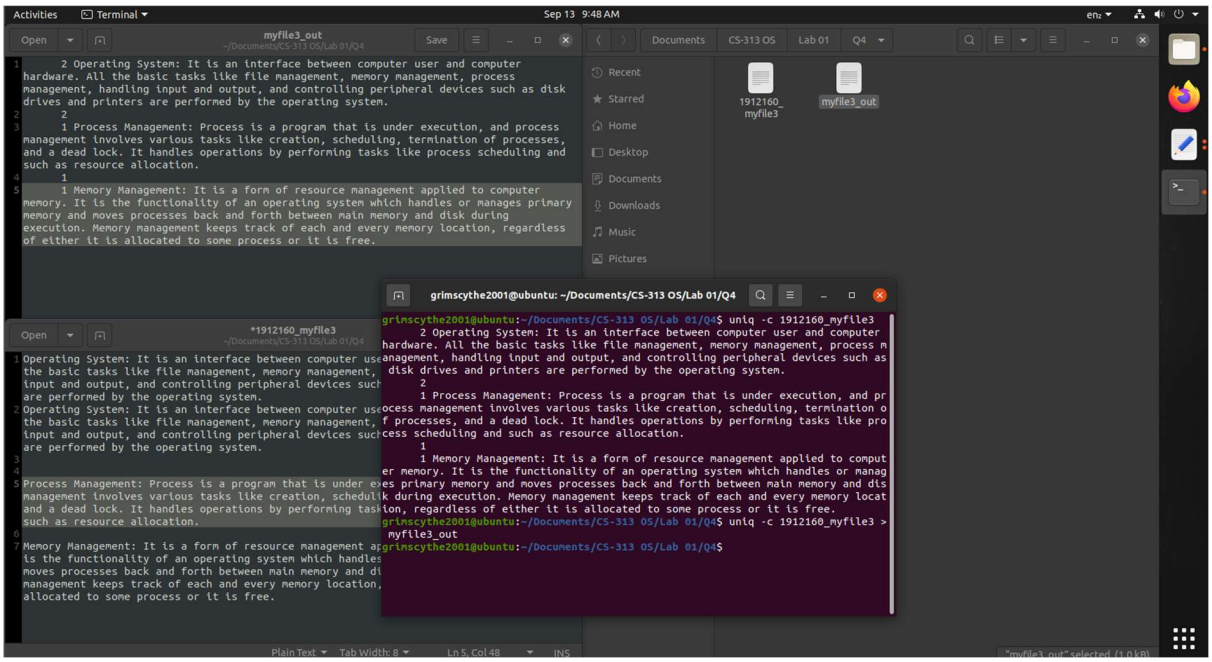


10. tr: $cat 1912160_myfile3 | tr [:lower:] [:upper:]

$cat 1912160_myfile3 | tr [:lower:] [:upper:] > myfile3_out



11. uniq: $uniq -c 1912160_myfile3
$uniq -c 1912160_myfile3 > myfile3_out



12. wc: $wc 1912160_myfile3
$wc 1912160_myfile3 > myfile3_out