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task 1:

(1) cat > test1.txt

(2) Gena

Lital

Gaya

ctrl + d

(3) mv test.txt test1.txt

task 2:

(a) mkdir myfolder

(b) mkdir -p myfolder/{f1,f2,f3}

(c) rm -r myfolder

task 3:

mkdir -p OS/Homework

mkdir -p OS/Solutions

cat > OS/Lab1.txt

cat > OS/Homework/Hw\_1.txt

cat > OS/Solutions/Hw\_1\_sol.txt

/\*OR Solution with nano\*/

mkdir -p OS/{Homework,Solutions} && nano OS/Lab1.txt && nano OS/Homework/Hw\_1.txt && nano OS/Solutions/Hw\_1\_sol.txt

/\*-----------------\*/

(a) cp OS/Homework/Hw\_1.txt OS

(b) mv OS/Lab1.txt OS/Homework

(c) wc -c OS/Solutions/Hw\_1\_sol.txt

wc -w OS/Solutions/Hw\_1\_sol.txt

wc -l OS/Solutions/Hw\_1\_sol.txt

/\*OR\*/

wc -c OS/Solutions/Hw\_1\_sol.txt && wc -l OS/Solutions/Hw\_1\_sol.txt && wc -w OS/Solutions/Hw\_1\_sol.txt

/\*OR\*/

wc OS/Solutions/Hw\_1\_sol.txt

task 4:

(a) chmod ugo+x testfile.txt && chmod g-r testfile.txt && chmod g+w testfile.txt

(b) chmod 742 testfile.txt

(c) ls -l

(d) drwx-wx---

task 5:

ls -l | find -type d | wc -l

task 6:

grep -d recurse hello $(find .. -name "\*.txt") | wc -l

task 7:

cat > file.txt

if sort -c file.txt ; then echo "file is sorted"; else sort -n file.txt > sortesFile.txt && echo "Text sorted in sortedFile"; fi

task 8:

cat > name\_file.txt

pr -6 -t -3 name\_file.txt