**Task-1(a)**

cd Desktop

mkdir assignment\_1

cd assignment\_1

touch 22241042\_1.txt 22241042\_2.txt 22241042\_3.txt 22241042\_4.txt; mkdir hemel1 hemel2

ls

mv 22241042\_1.txt 22241042\_2.txt 22241042\_3.txt hemel1

ls

cd hemel1

cp 22241042\_1.txt 22241042\_2.txt ~/Desktop/assignment\_1/hemel2

cd ..

mkdir hemel3

ls

cp -r hemel1 hemel3

cd hemel3

ls -l

sudo chmod go=rx \*hemel1

ls -l

cd ..

ls -a

sudo mv hemel3 /

sudo ls /

rm -r ~/Desktop/assignment\_1/\*

**Task-1(b)**

echo -e "CSE321-Operating System-Sec8\nCSE470-Software Engineering-Sec13\nCSE471-System analysis and design-Sec5\n423-Computer Graphics-Sec9" > course\_list.txt

grep -c "CSE" course\_list.txt

**Task-1(c)**

sudo ls -a /

**Task-1(d)**

cat > task1\_d.txt <<END

This is line num: 1

This is line num: 2

This is line num: 3

This is line num: 4

This is line num: 5

This is line num: 6

This is line num: 7

This is line num: 8

This is line num: 9

This is line num: 10

This is line num: 11

This is line num: 12

This is line num: 13

This is line num: 14

This is line num: 15

This is line num: 16

This is line num: 17

This is line num: 18

This is line num: 19

This is line num: 20

END

sed -n '5,17p' task1\_d.txt