***Experiment 01: Linux Commands***

1. Date



OPTIONS:

1.2) date +%m

1.3)date +%h

1.4)date +%d

1.5)date +%y

1.6)date +%H

1.7)date +%M



1.8)date +%S



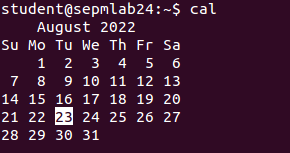
1.9)date +%T



1.10)date +”%d %h %y”

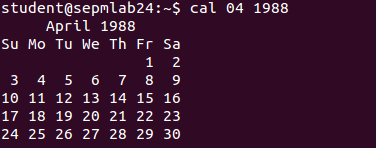


2)cal

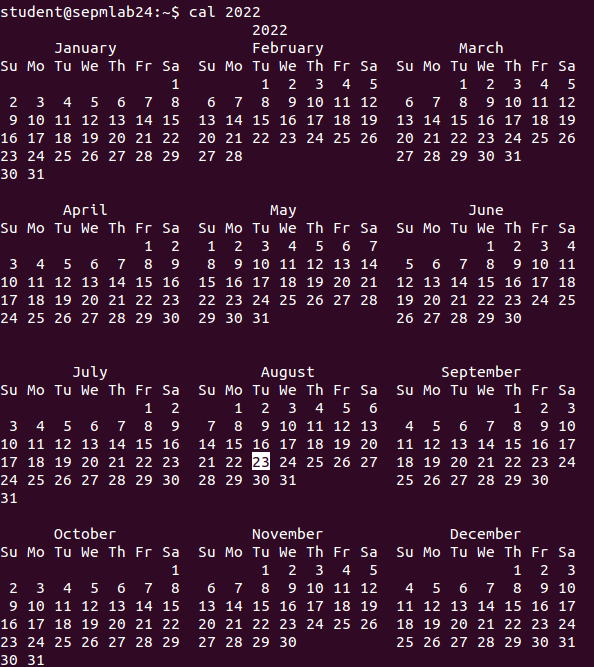


OPTIONS:

2.1)cal 04 1988



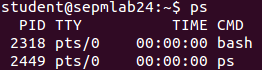
2.2)cal 2002



3)who am i



4) ps



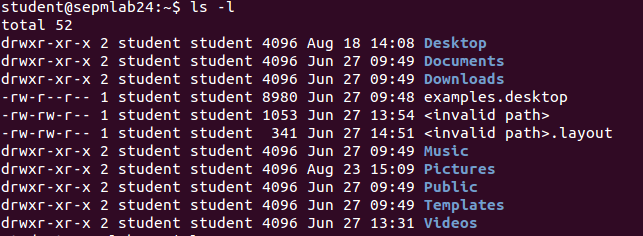
5) ls



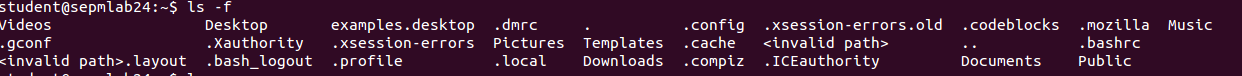
OPTIONS:

5.1) ls -x

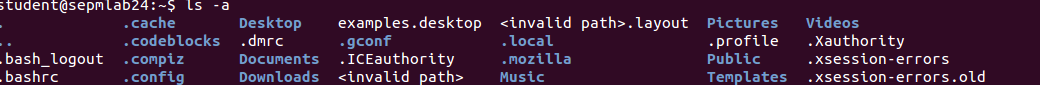


5.2) ls -l

5.3)l s -f

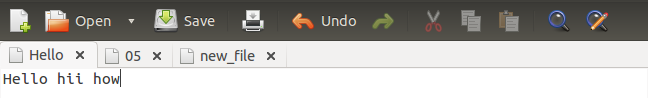


5.4) ls -a



6)wc file\_name

File:

 OPTIONS:

6.1)wc -l file\_name



6.2)wc -w file\_name



6.3)wc -c file\_name



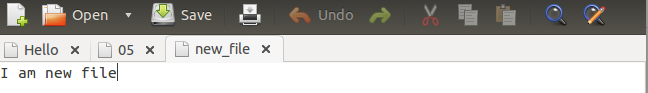
7)cat file\_name



OPTIONS:

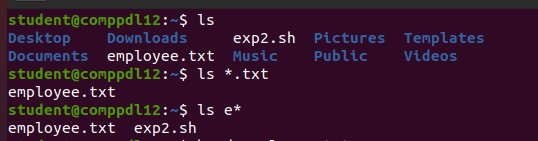
7.1)cat > new\_file



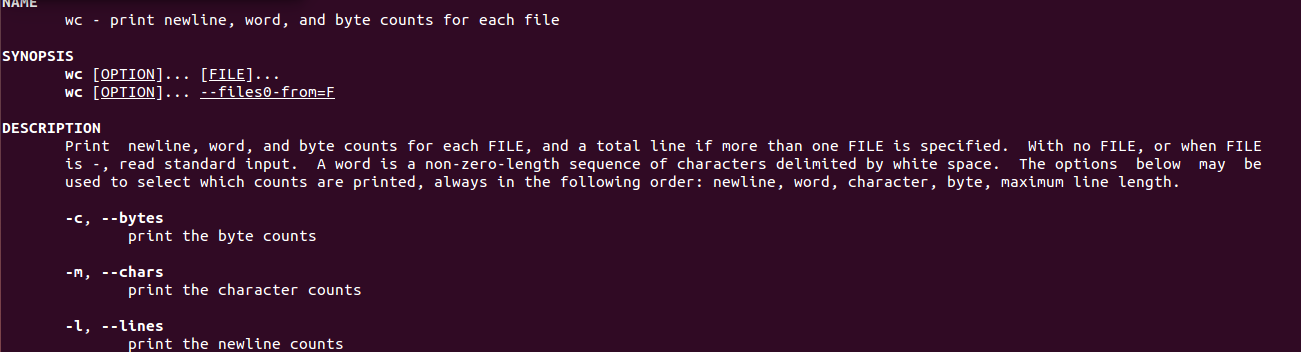


8) ls | wc -l

8.1) ls using metacharacters (\* , > , | )



9)man command\_name

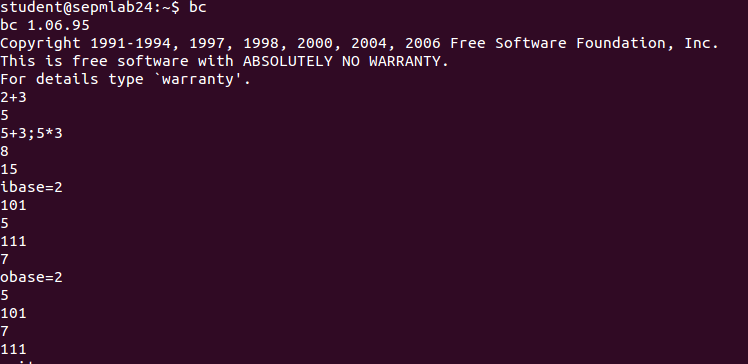


10)echo “string\_to\_be\_printed”



11)ls first\_char\*

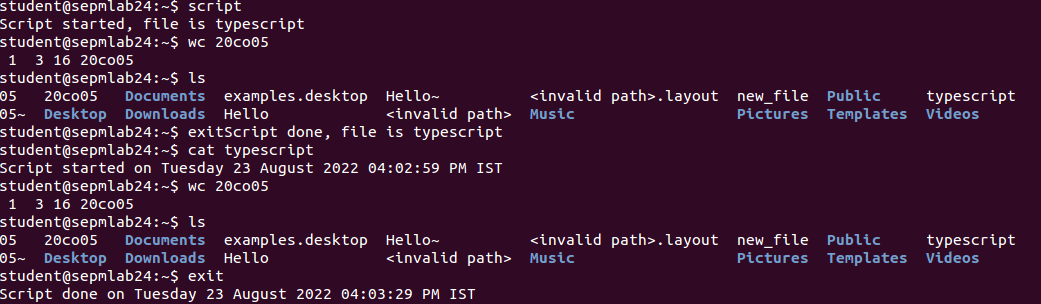


12) bc

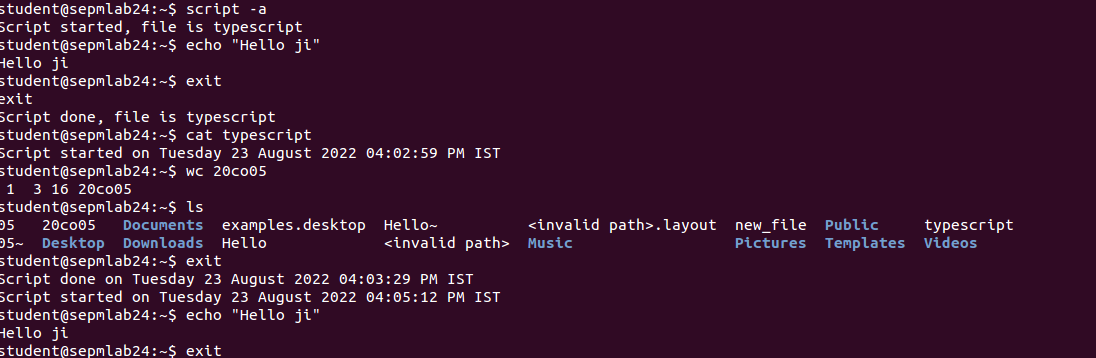
13)type wc



14)script



14.1)script -a



15)passwd



16)uname

OPTIONS:

16.1)uname -i

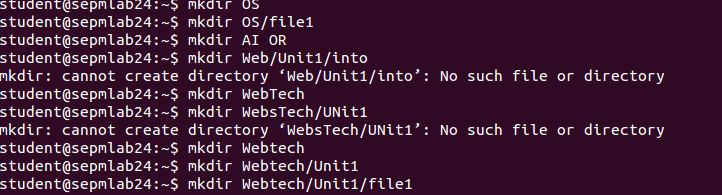


17)tty



18)pwd

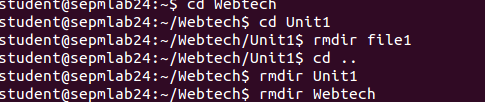


19)mkdir

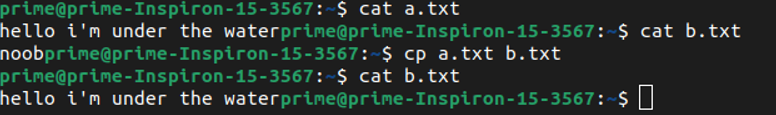
20)cd

21)cd ..

22)rmdir



23)cp



OPTIONS:

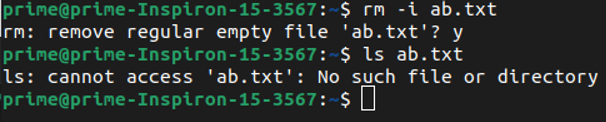
23.1) cp -i



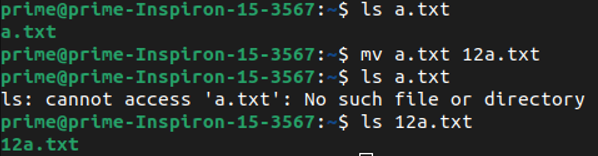
24) rm

OPTIONS:

24.1) rm -i



25)mv

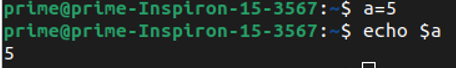


26) cmp

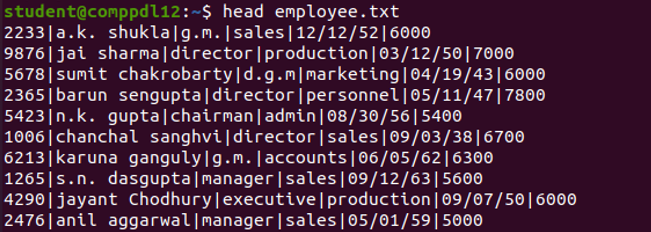


27) chmod [relative and absolute] -> At last

28)Shell variable declaration and display value

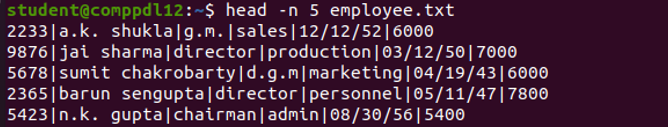


29) head

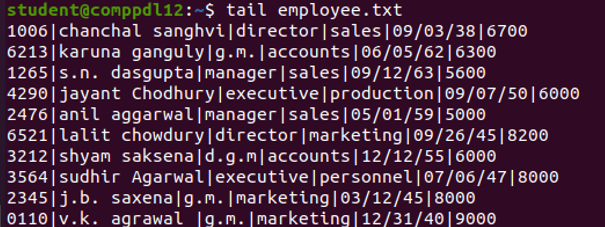


OPTIONS:

29.1) head -n

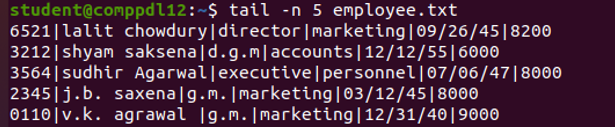


30) tail



OPTIONS:

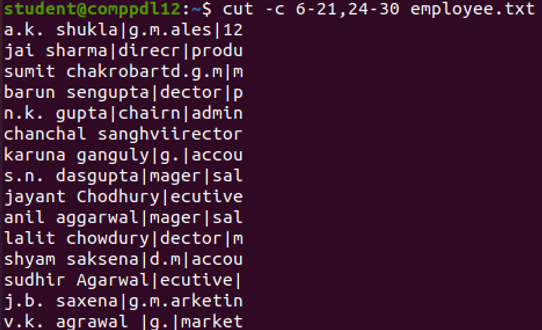
30.1) tail -n



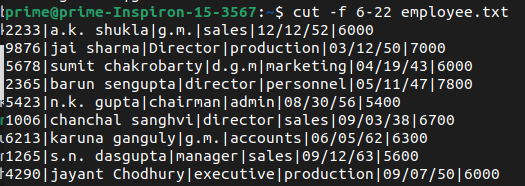
31) cut

OPTIONS:

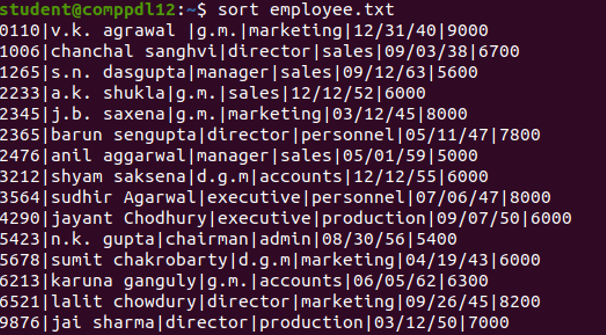
31.1) cut -c



31.2) cut -f

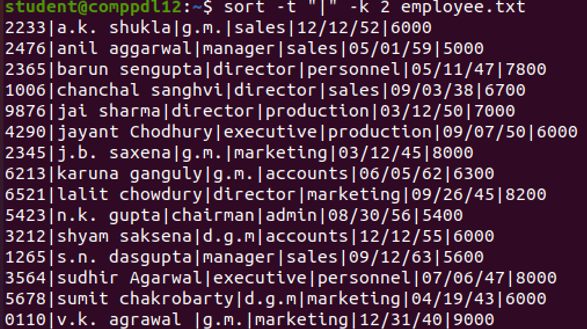


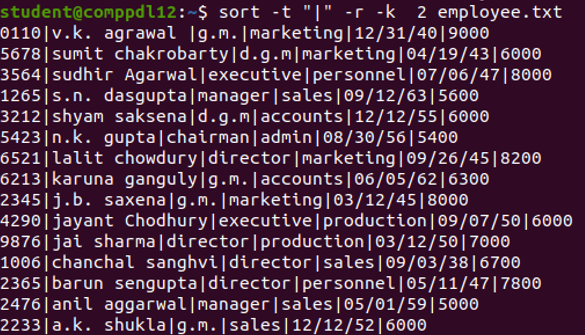
32) sort



OPTIONS

32.1)sort -t

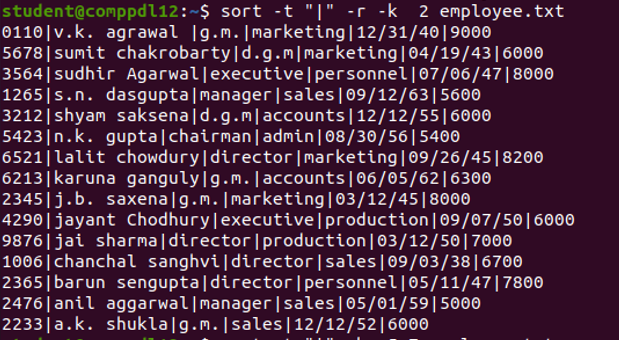
32.2)sort -r



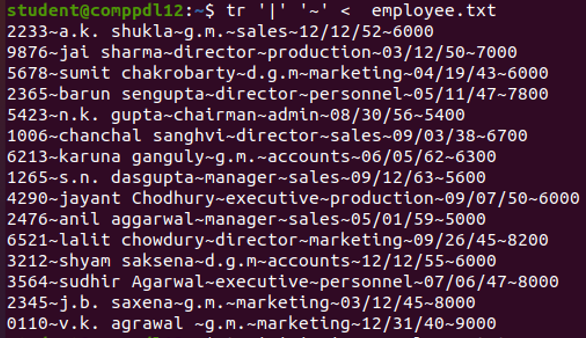
32.3) sort -k



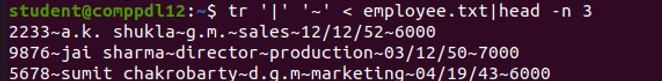
32.4) sort -r -k



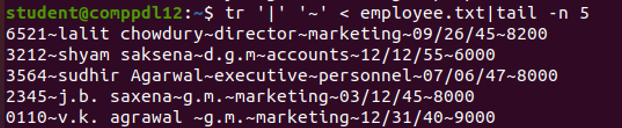
33) tr



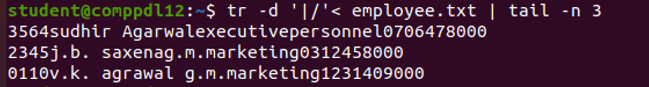
33.1) tr on head



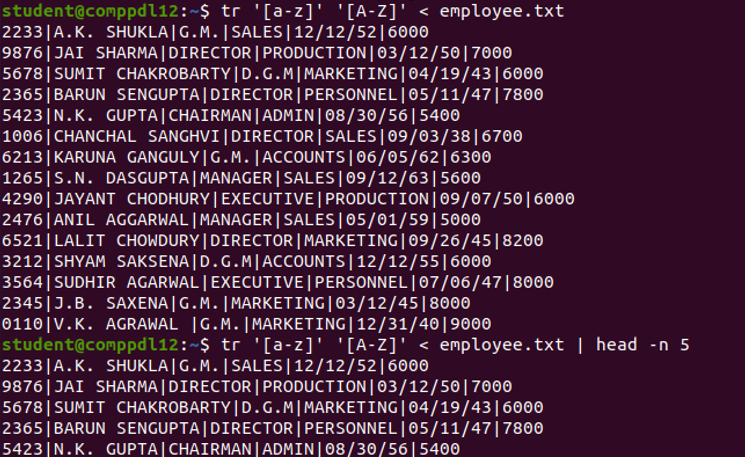
33.2) tr on tail



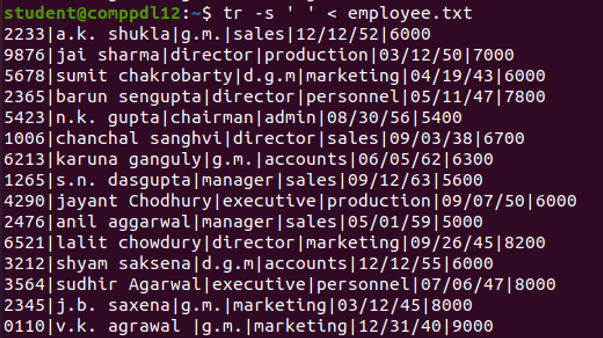
33.3) tr -d



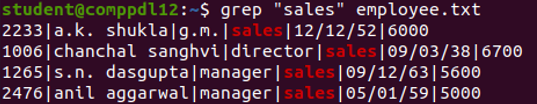
33.4) tr [changing cases]



33.5) tr -s

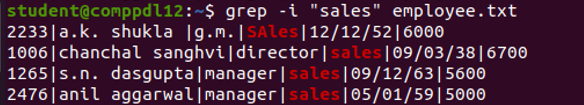


34) grep

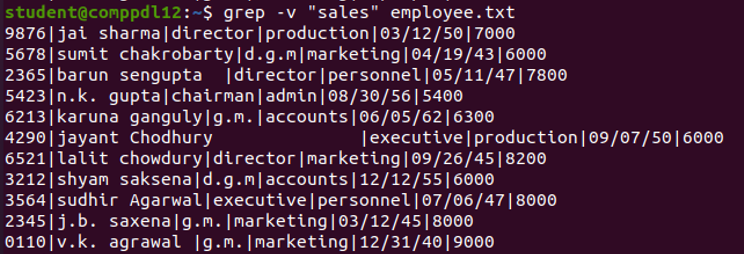


OPTIONS:

34.1) grep -i



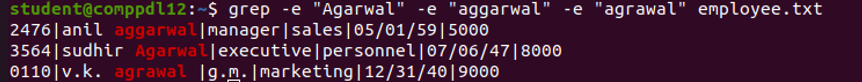
34.2) grep -v



34.3) grep -c



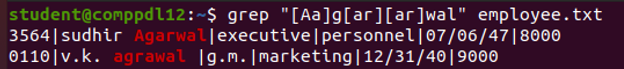
34.4) grep -e



34.5) grep -l



34.6) grep [pattern]



35) chmod

OPTIONS: {Relative)

Initial status:



35.1) Giving user execute right



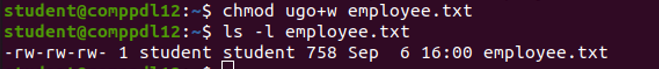


35.2) Taking away execute write from user and group (ug)

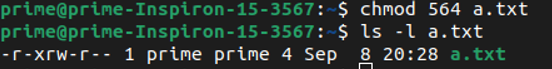


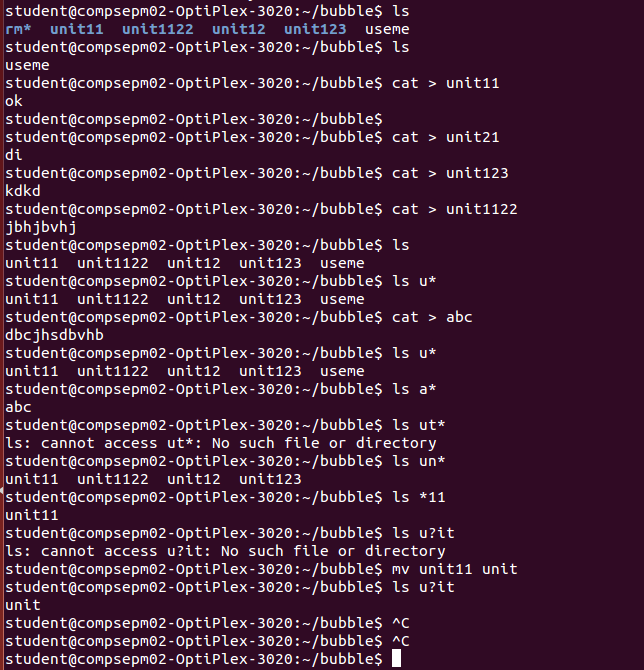


35.3)Giving access to write to all three (ugo)



OPTIONS: (Absolute) [5 - r & x to user, 6 - r & w to group, 4 – r only for other)



36)wild cards [\*, ?, [ijk], [!ijk], [x-z], [!x-z], . ]