# ITW Assignment-1:

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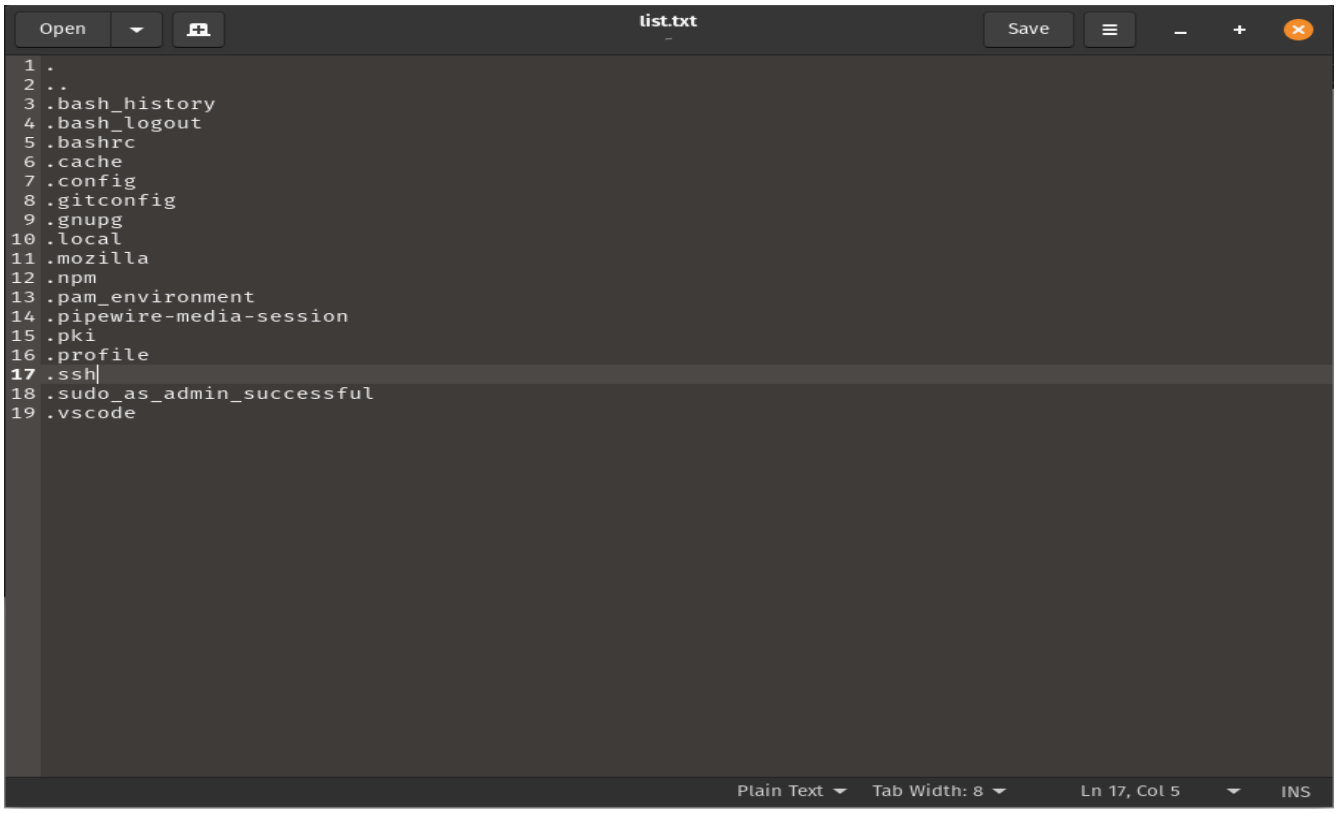
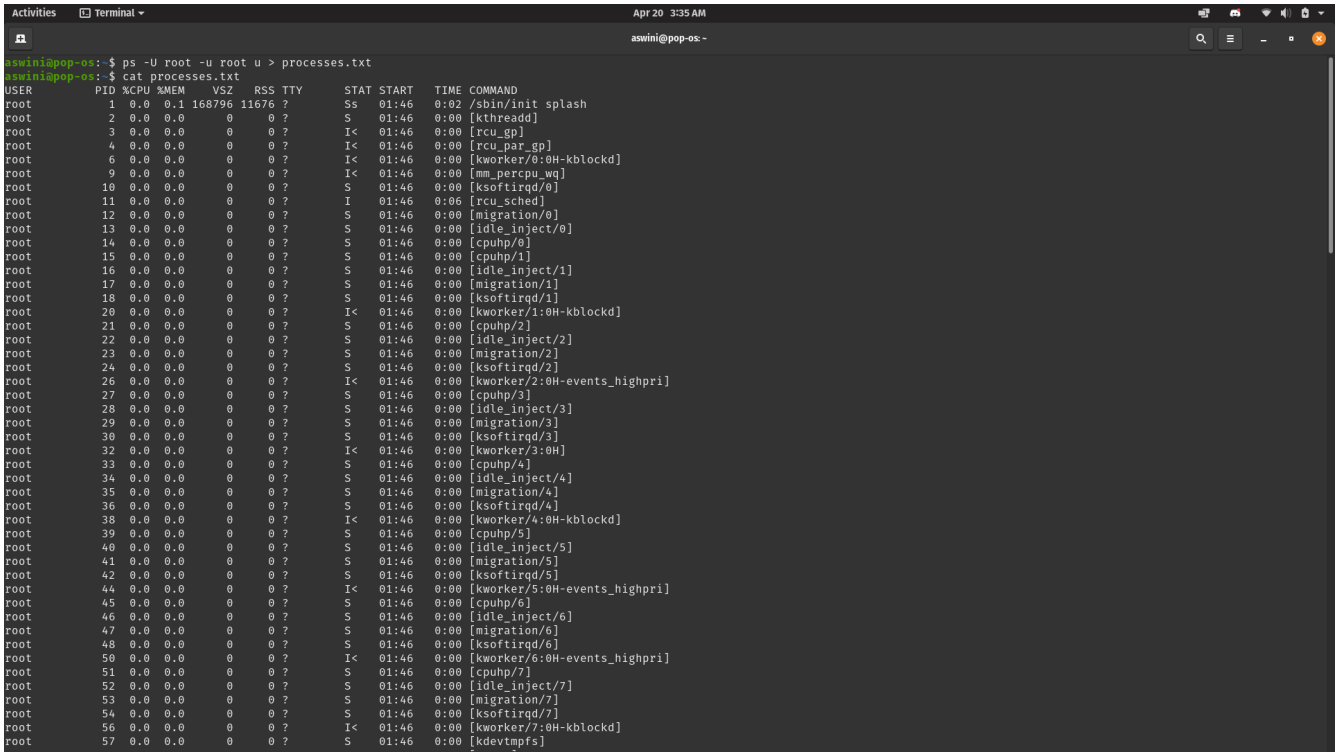
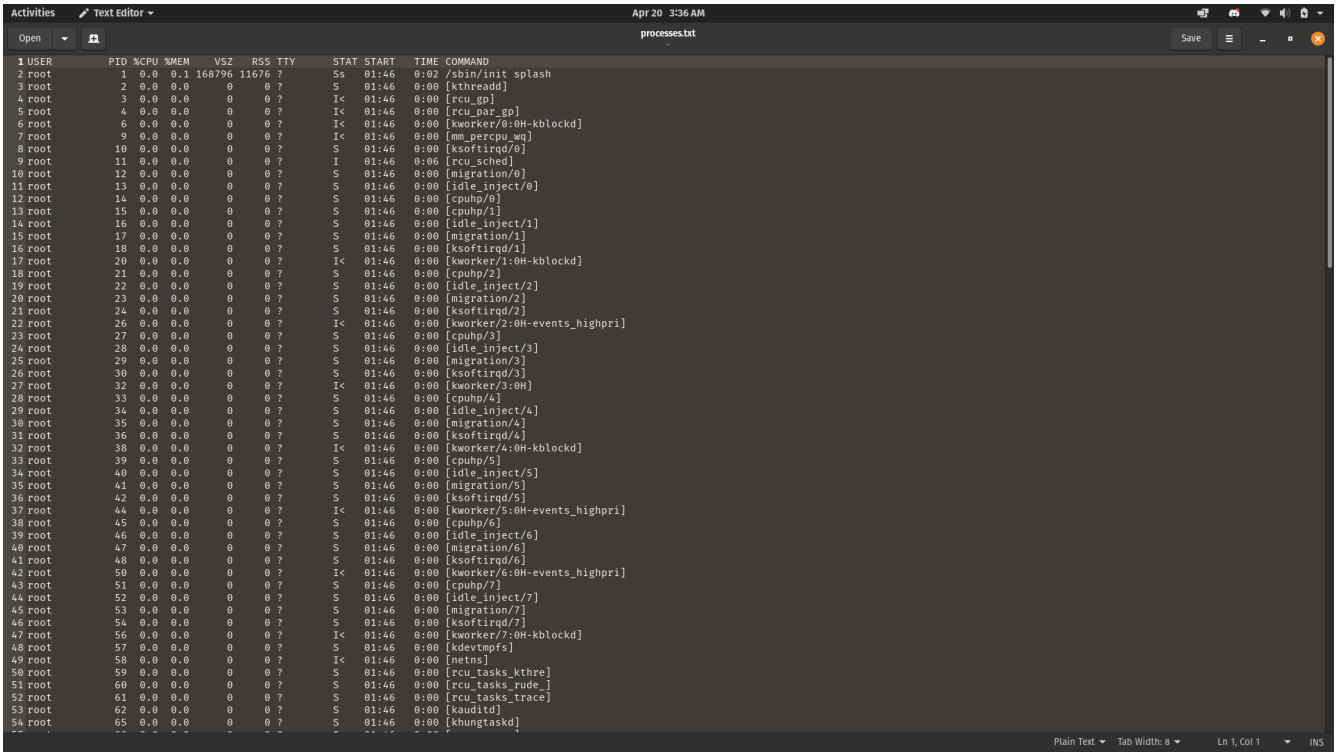
Ques 1: Count the total number of files in the directory /usr/lib starting with 'lib' and print output in a count.txt file
Ans:

Ques 2: List all hidden files in your home directory and save it in a list.txt file in decreasing order of their word count.
Ans:

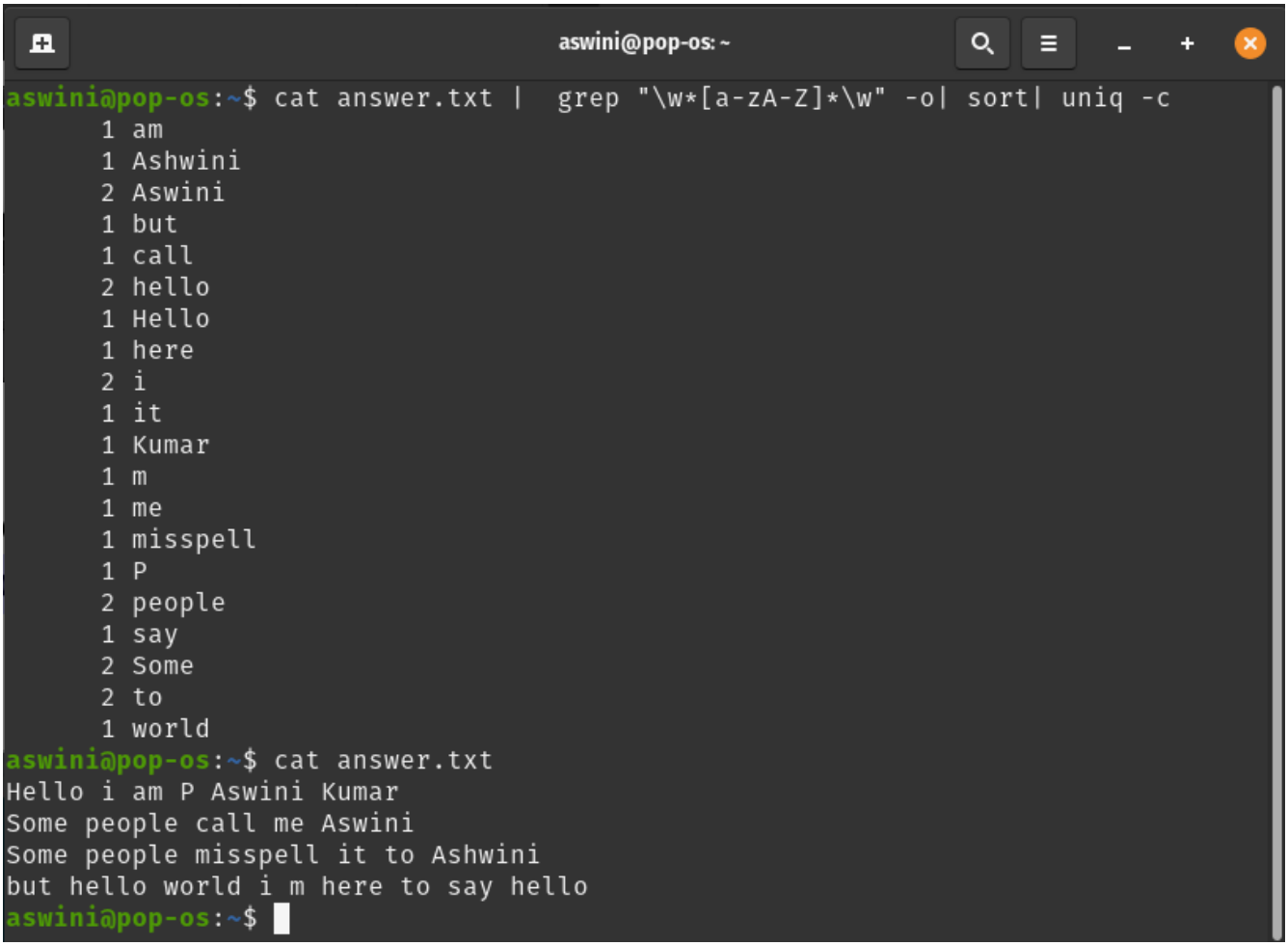


Ques 3: List all the processes belonging to root & output in a processes.txt file
Ans:



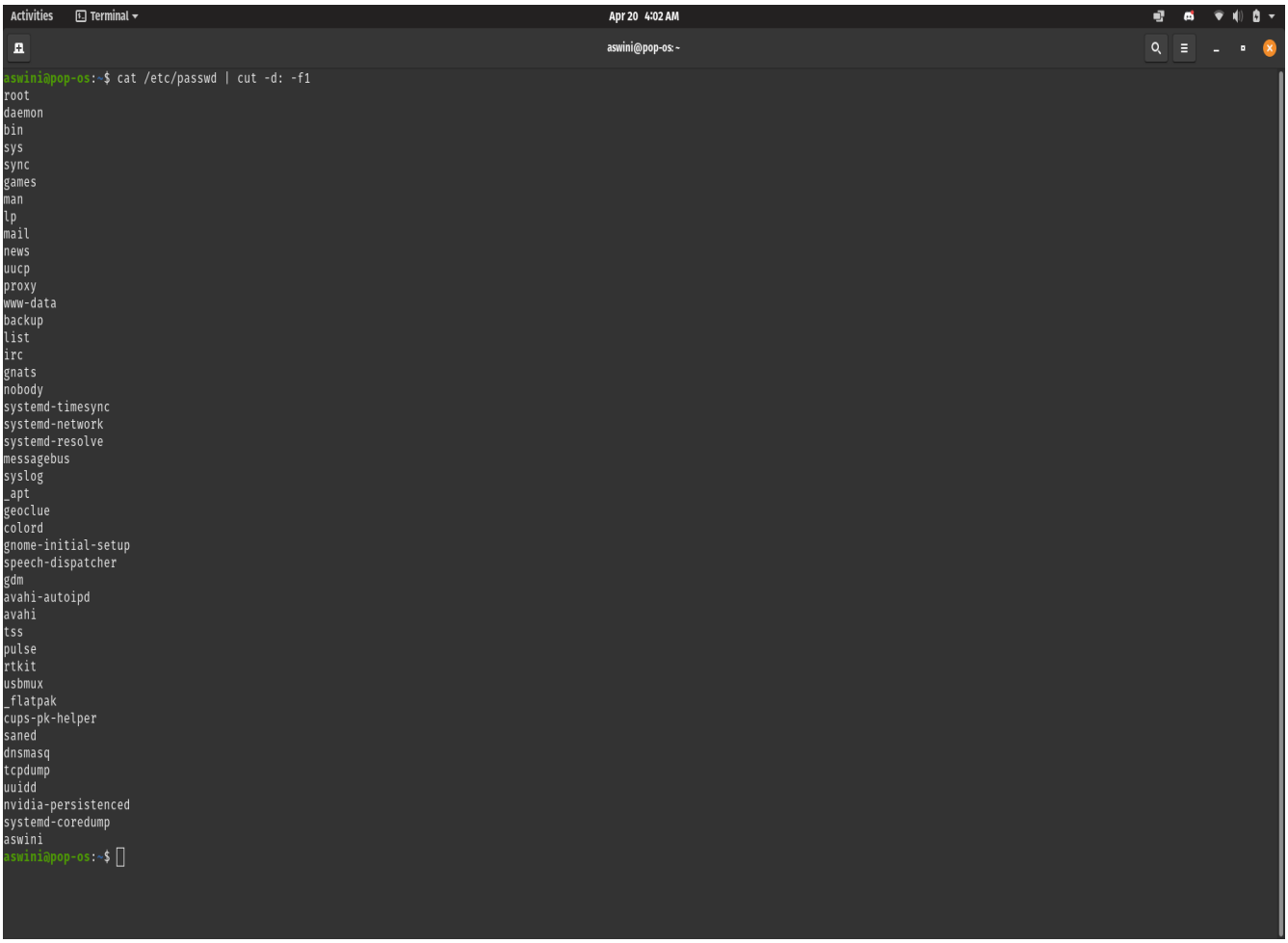



Ques 4: Given an input file, write a command sequence to find the count of each word.
Ans:

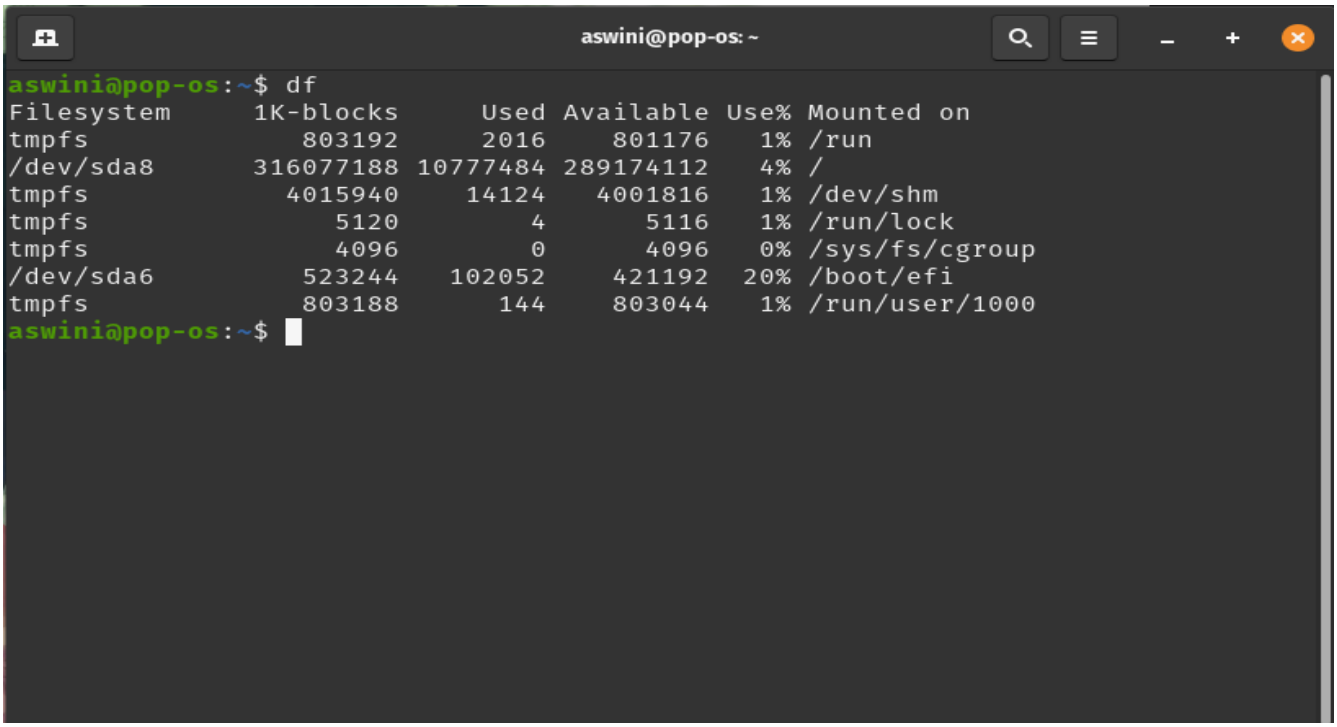


Ques 5: How will you print the login names of all users on a system?

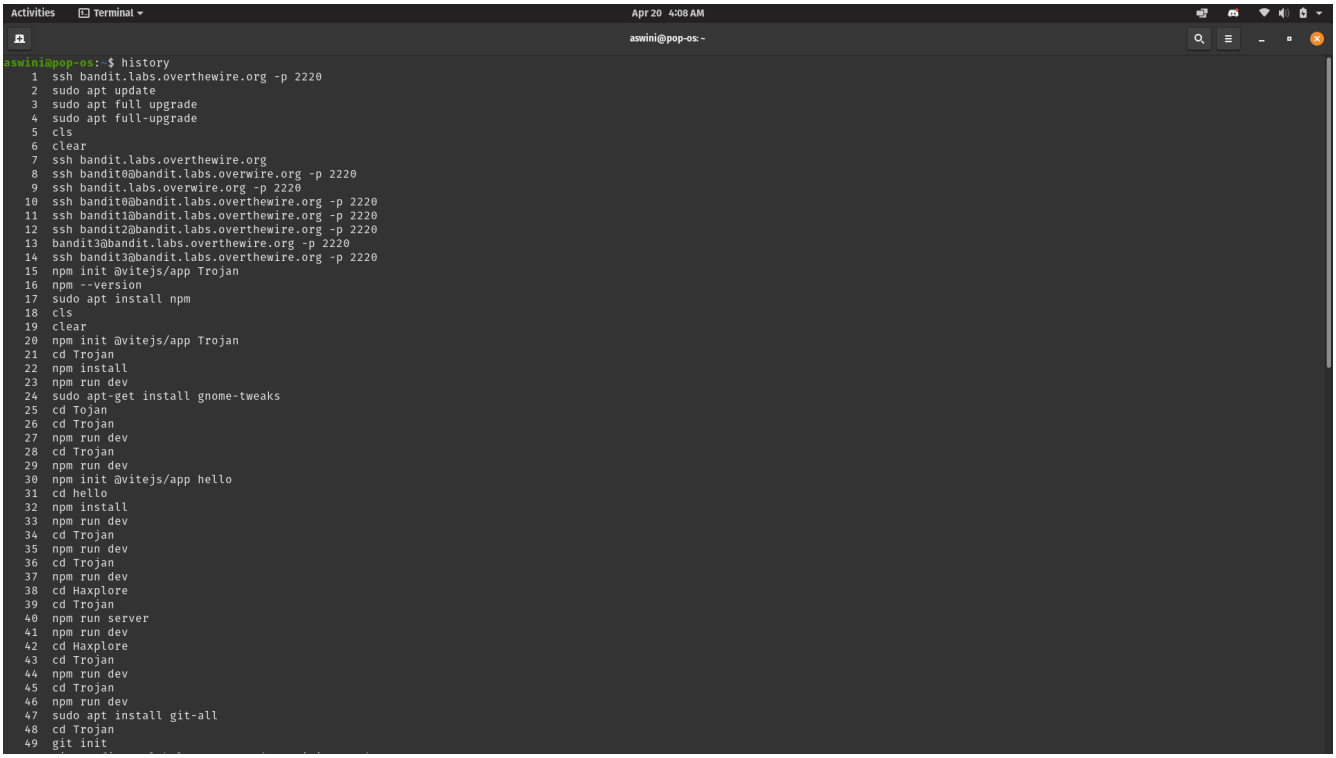
Ans:



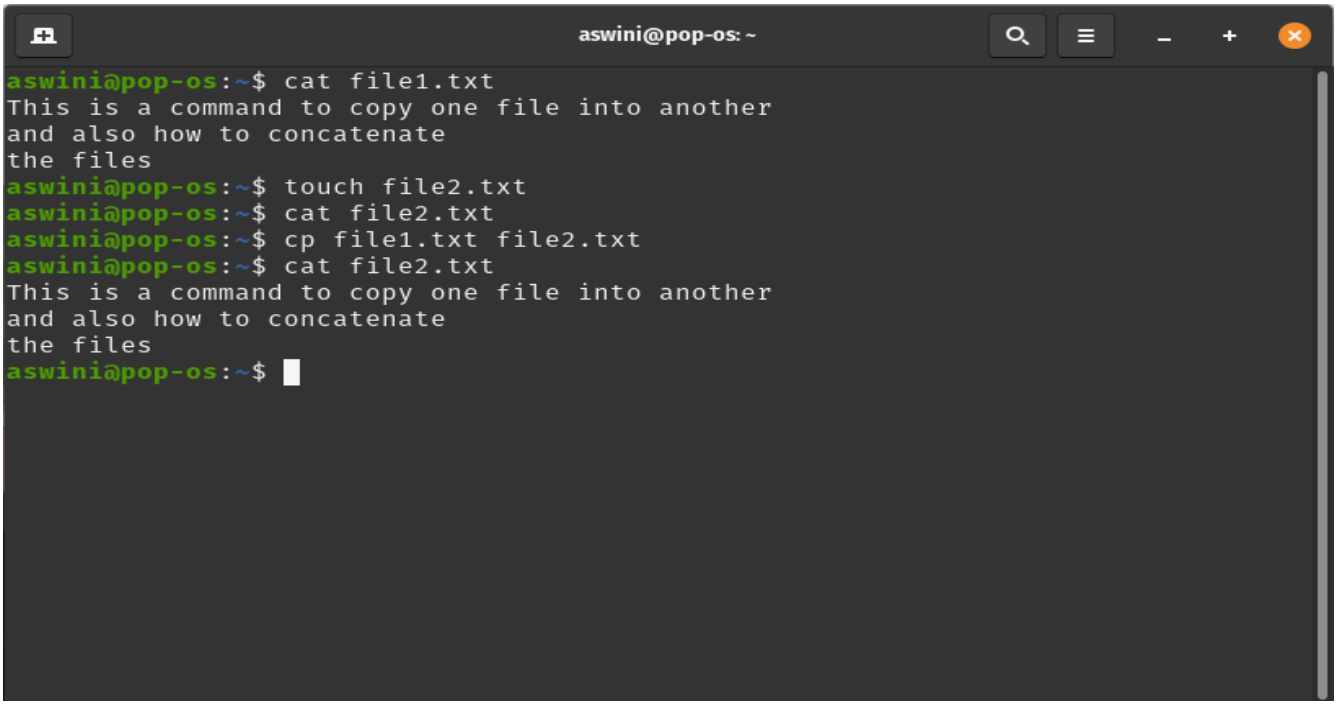
Ques 6: What is the command to find remaining disk space in unix server ? Also find the method to see command line history ?
Ans:
(I)



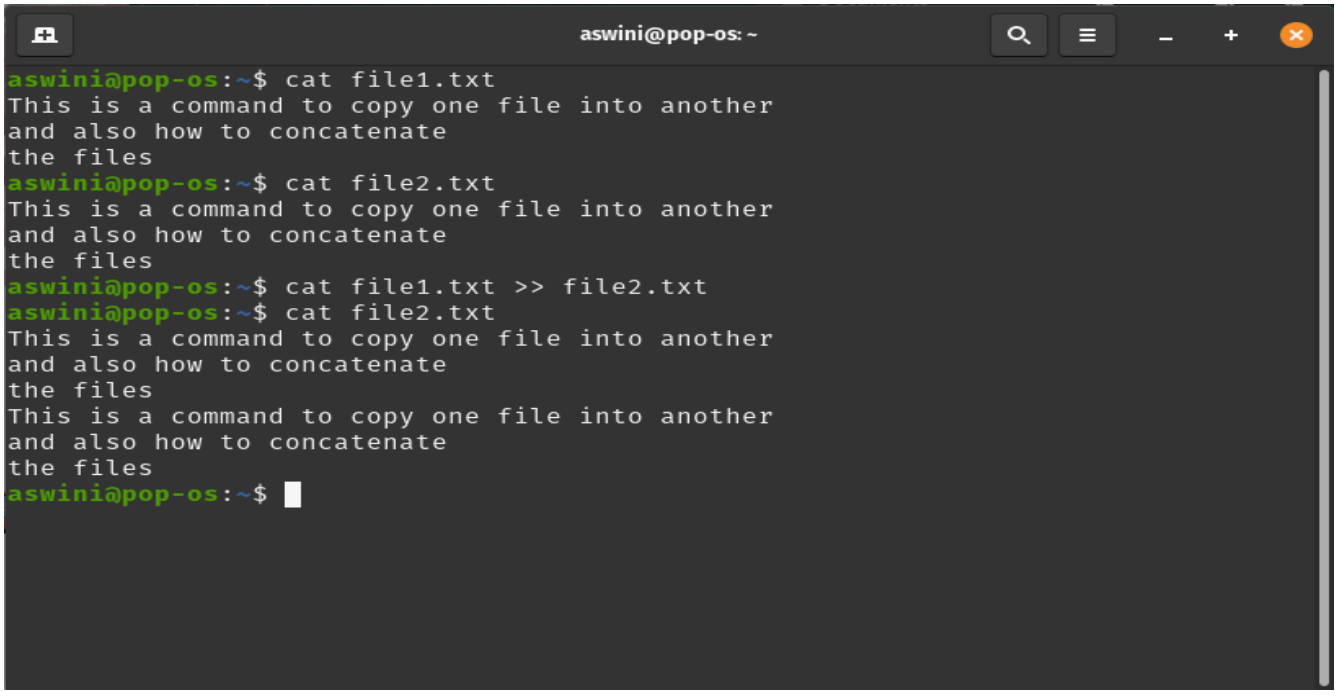

(II)



Ques 7: Write a command to copy one file into another ? Also find, how to concatenate the files.
Ans:
(I)




(II)



Ques 8: What are the commands in the unix for file system commands, processes control command, and utilities programmes command ?

Ans:

File System Commands:

1. ls
2. cd
3. mv
4. popd
5. cp
6. cat
7. pushd
8. mkdir

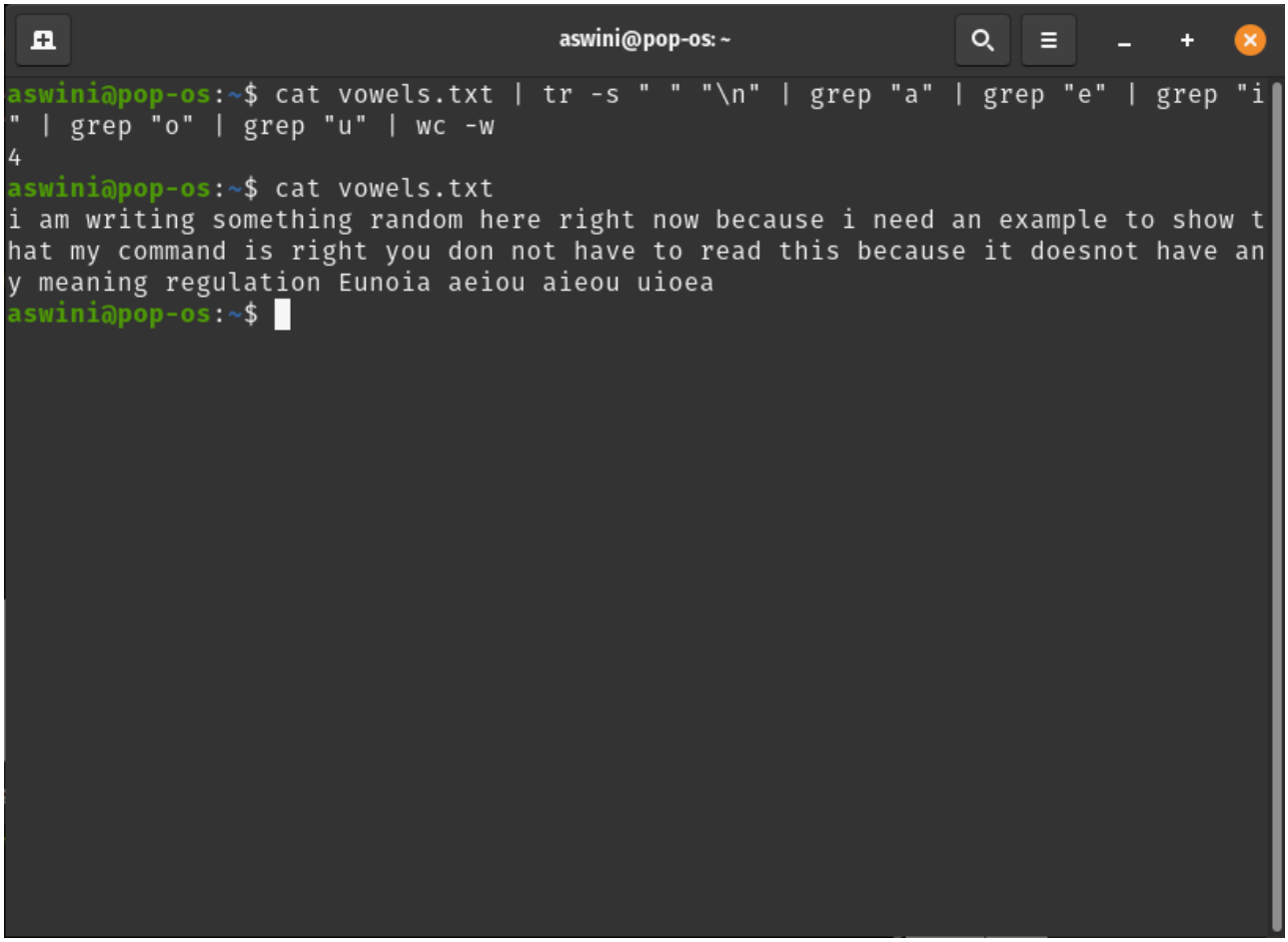
Process Control Commands:

1. fg: bring process into foreground
2. jobs: list processes
3. bg: put suspended process into background

Utility Commands:

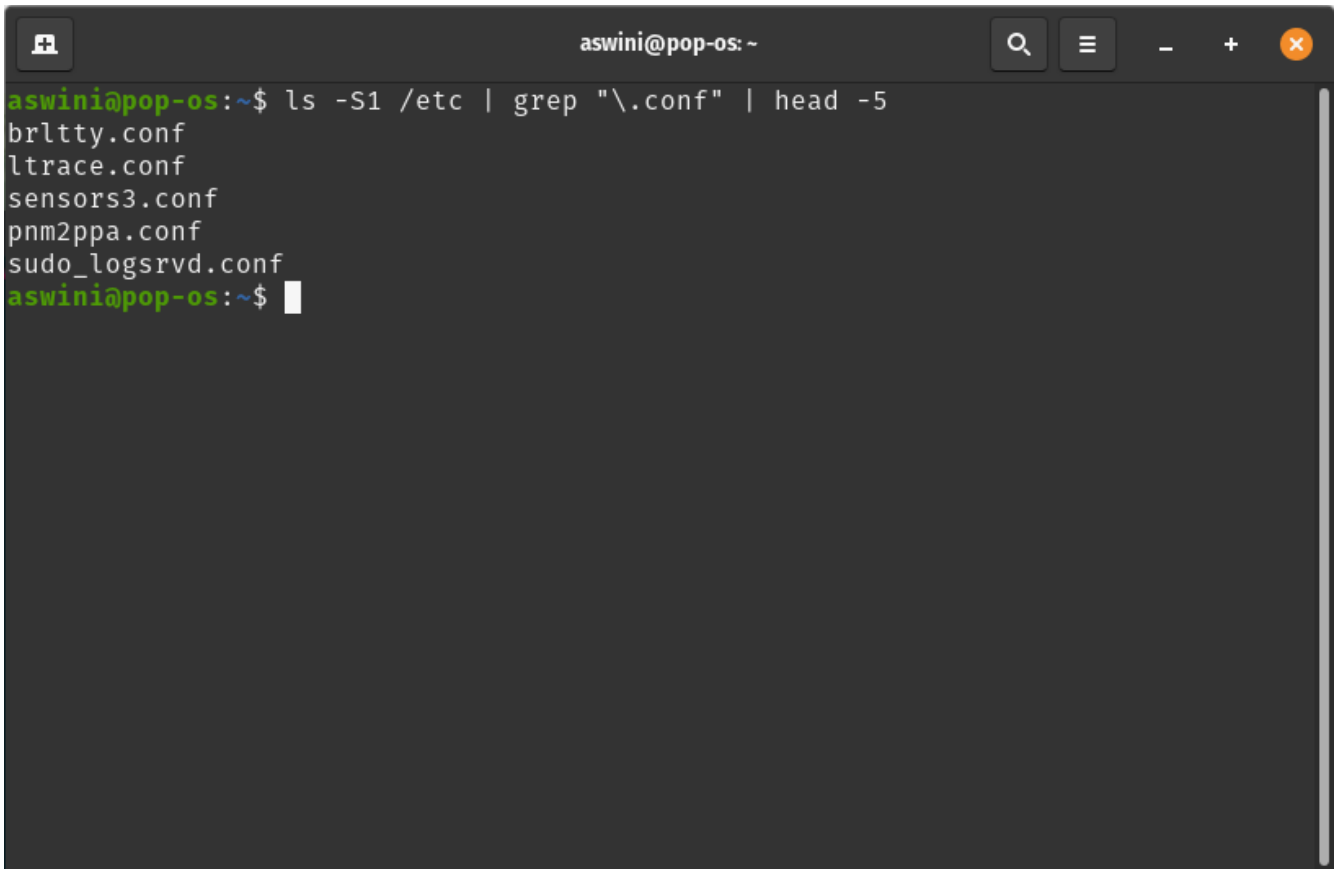
1. pwd
2. emacs
3. less
4. chmod

Ques 9: Count the number of words in the file which contain all the letters a, e, i, o, u. These letters may occur more than once & other letters are also permitted.
Ans:

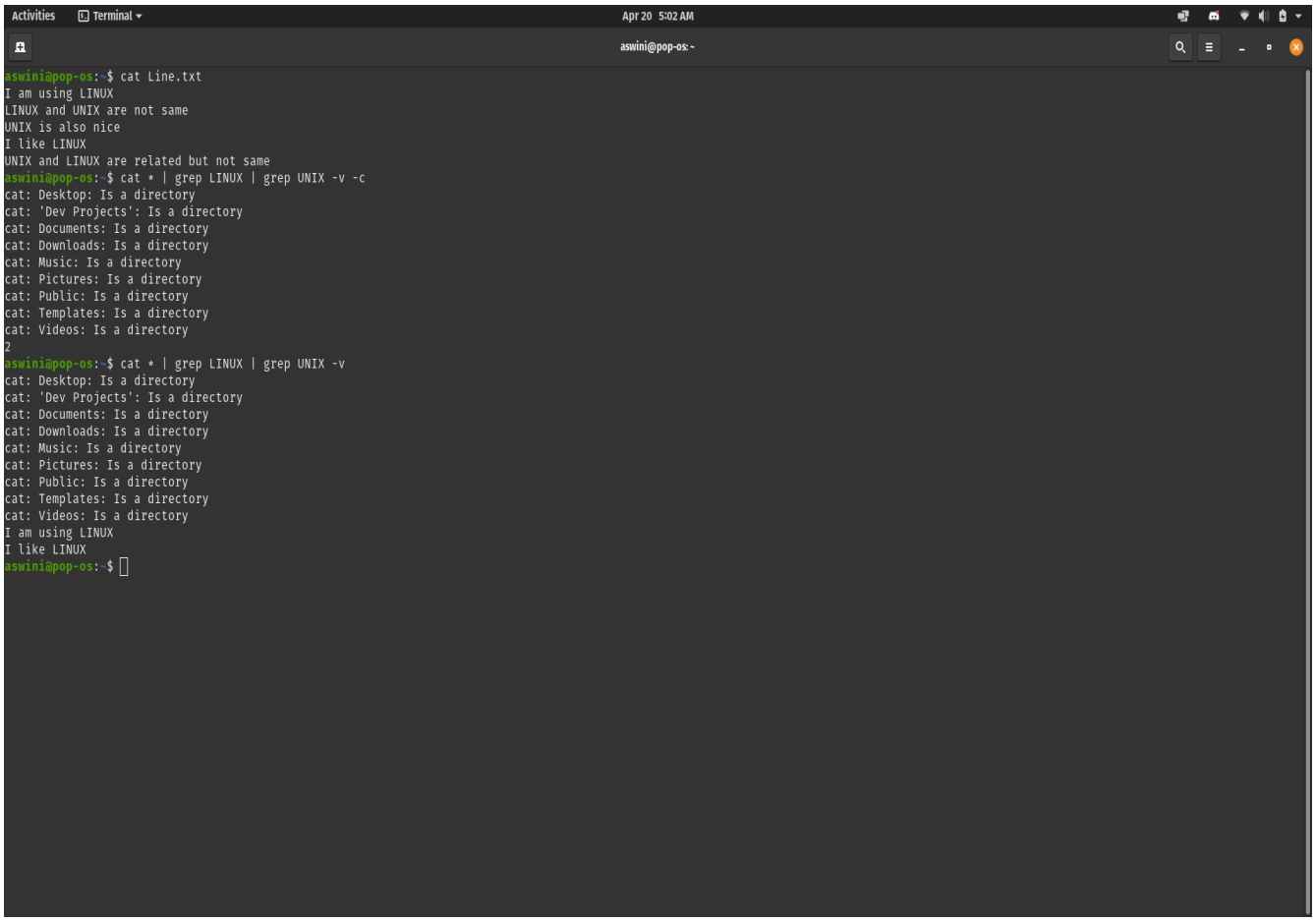


Ques 10: Write a command that will output the sorted contents of a file named IN.txt and place the output in another file named OUT.txt while at the same time excluding duplicate entries.
Ans:

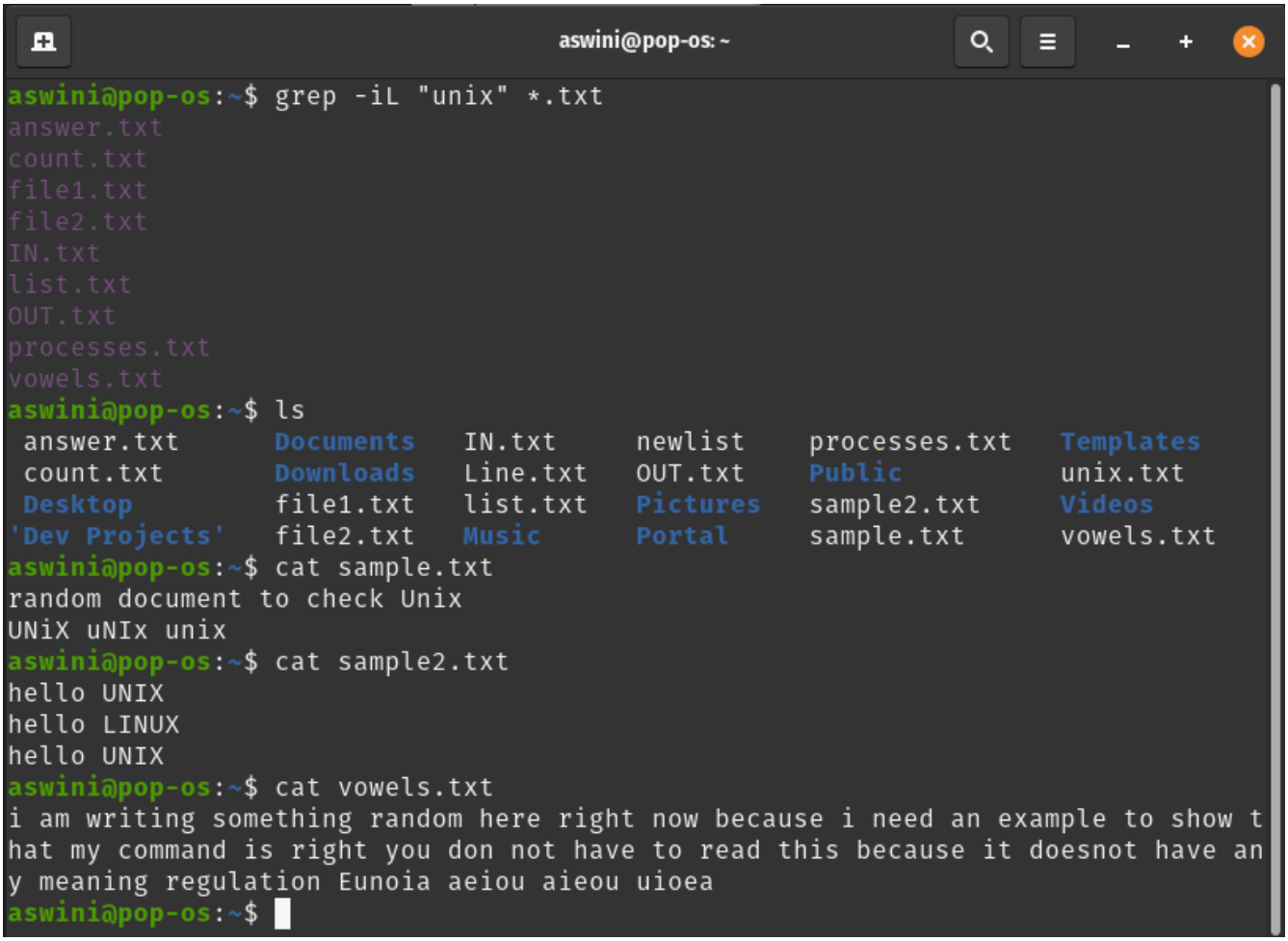
Ques 11: List 5 largest files in the /etc directory which contain the string '.conf', sorted by decreasing file size.
Ans:



Ques 12: Write a command to search contents of all files in current directory and display the total number of lines that contain the string 'LINUX' but not 'UNIX'.
Ans:



Ques 13: Write a command that will find all text files in a directory such that it does not contain the word"unix" in any form (that is, it must include the words Unix, UNIX, or uNIx).
Ans:



Ques 14:  How will you display Today's date in the format of dd/mm/yyyy ? In a file word UNIX is appearing many times. How you count the number ?
Ans:
(I)

(II)