**grep tasks with solutions**

**grep: ( grep,egrep,fgrep)**

1. Write a grep command that selects the lines from the file1 that have exactly three characters

Ans: $ grep ^…$ filename

1. Write a grep command that selects the lines from the file1 that have at least three characters.

A: $ grep … filename

1. Write a grep command that selects the lines from the file1 that have three or fewer characters

A: $ grep -v …. filename

1. Write a grep command that count the number blank lines in the file1

A: $ grep -c ^$ filename

1. Write a grep command that count the number nonblank lines in the file1

A: $ grep -cv ^$ filename

1. Write a grep command that selects the lines from the file1 that have the string UNIX.

A: $ grep “UNIX” filename

1. Write a grep command that selects the lines from the file1 that have only the string UNIX.

A: $ grep ^UNIX$ filename

1. Write a grep command that copy the file to the monitor, but delete the blank lines.

A: $ grep -v ^$ filename

1. Write a grep command that selects the lines from the file1 that have at least two digits without any other characters in between

A: $ grep [0-9][0-9] filename

1. Write a grep command that selects the lines from the file1 that do not start with A to G

A: $ grep -v ^[A-G] filename

**sed: Tasks-solutions**

1. Write a sed command that print numbers of lines beginning with “O”

Ans: $ sed -ne ‘/^O/ =’ filename

1. Write a sed command that delete digits in the given input file.

A: $ sed ‘s/[0-9]\*//g’ filename

1. Write a sed command that delete lines that contain both **BEGIN** and **END**

A: $ sed ‘/begin.\*end/d ’ filename

1. Write a sed command that delete lines that contain **BEGIN** but not **END**

A: $ sed -ne ‘/begin/p’ filename | sed ‘/end/!d’

1. Write a sed command that deletes the first character in each line in a file

A: $ sed ‘s/^.//g ’ filename

1. Write a sed command that deletes the last character in each line in a file

A: $ sed ‘s/.$//g ‘ filename

1. Write a sed command to delete character before last character in each line in a file

A: $ sed ‘s,\(.\*\)\(.\)\(.\),\1\3,g ’ filename

1. Write a sed command that swaps the first and second character in each line in the file

A: $ sed ‘s,\(.\)\(.\)\(.\*\),\2\1\3,g ‘ filename

1. Write a sed command that swaps the first and second word in each line in the file

A: $ sed ‘s,\([^ ]\*\) \*\([^ ]\*\),\2 \1 ,g ‘ filename