

Processing Text Files

- Filtering Text
 - `cut OPTION... [FILE]... : | -d | -f | -c`
 - `grep root /etc/passwd : * | . | ^ | $`
- Formatting Text
 - `sort [OPTION]... [FILE]... : -n`
 - `cat : concatenate`
 - `printf FORMAT [ARGUMENT]...`
 - `printf "%s\n" "Ubuntu"`
 - `printf "%.2f\n" 98.532`
 - `wc [OPTION]... [FILE]...`

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Redirecting Input and Output

- `echo "Cyber Security Dept." | > | >> text.txt`
- `grep -w cyber /etc/shadow | 2> | 2>> text.txt`
- Regulating Standard Input
 - `tr " " "," < Grades.txt ; (90 60 75 83 73 91 35)`
 - `diff -q text.txt text2.txt`
- Piping Commands
 - `command 1 | command 2 | [ command n] ...`

- Creating Here Documents
 - A here document allows you to redirect multiple items into a command
 - `sort <<EOF`
- Creating Command Lines
 - `find tmp -size 0 | xargs /usr/bin/l`
 - `find tmp -size 0 | xargs -p /usr/bin/rm`
 - `ls $(find tmp -size 0)`
 - `rm -i test{1,2}.txt`

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Editing Text Files

- Nano
- Vim
- `sed [OPTIONS] [SCRIPT]... [FILENAME]`
 - `echo "I like cake." | sed 's/cake/donuts/'`
 - `echo "I love cake and more cake." | sed 's/cake/donuts/'`
 - `echo "I love cake and more cake." | sed 's/cake/donuts/g'`
 - `sed 's/cake/donuts/' cake.txt`