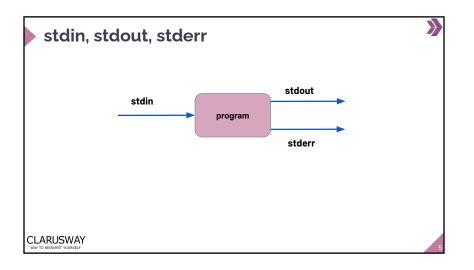




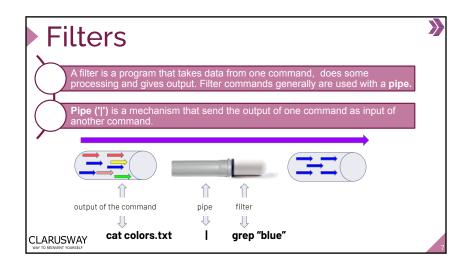


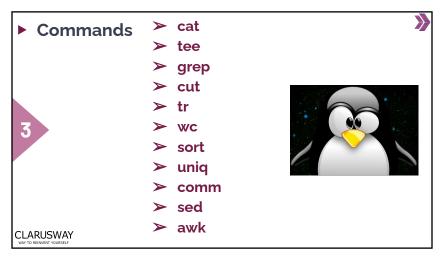
- ► stdin, stdout, stderr
- **▶** Filters
- **Commands:**
 - o cat, tee, grep, cut, tr, wc, sort, uniq, comm
- **▶** Control Operators



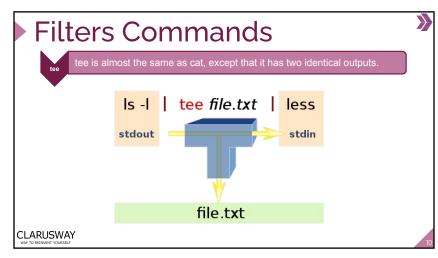




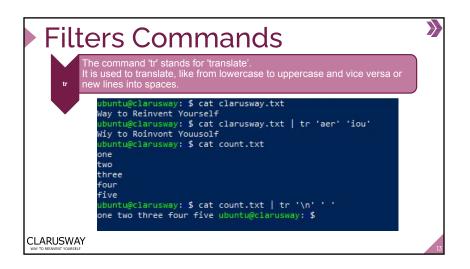


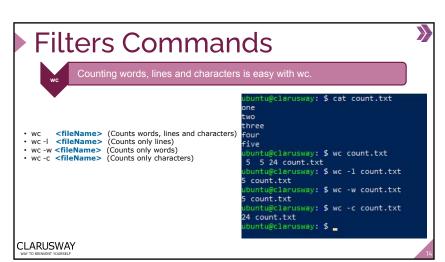


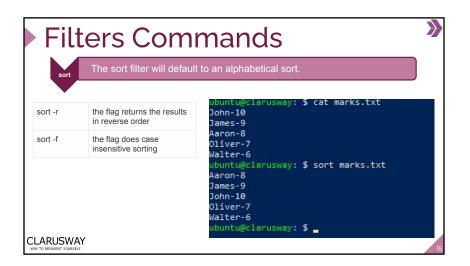




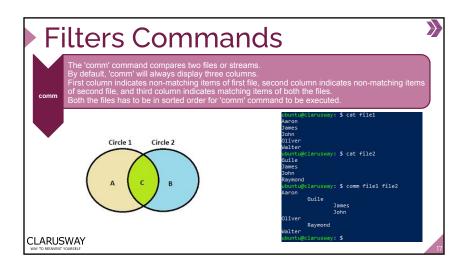












Exercise 1

1. Create a file named countries.csv with the following content

Country,Capital,Continent USA,Washington,North America France,Paris,Europe Canada,Ottawa,North America Germany,Berlin,Europe

- 2. a. Cut only "Continent" column
 - b. Remove header
 - c. Sort the output
 - d. List distinct values
 - e. Save final output to "continents.txt" file
- 3. Display content of continents txt file

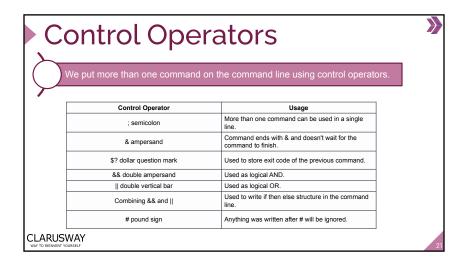




Table of Contents

▶ Control Operators

- Semicolon (;)
- o Ampersand (&)
- Dollar Question Mark (\$?)
- o Double Ampersand (&&)
- o Double Vertical Bar (||)
- o Combining && and ||
- o Pound Sign (#)
- Escaping Special Characters (\)
- o End of line Backslash

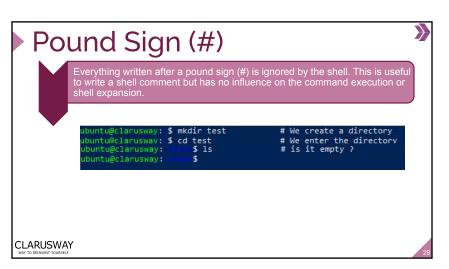


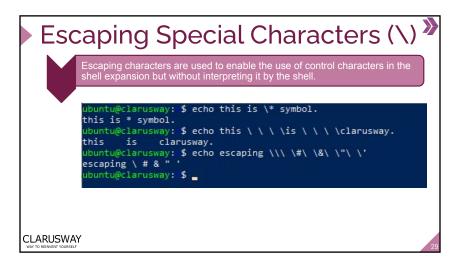


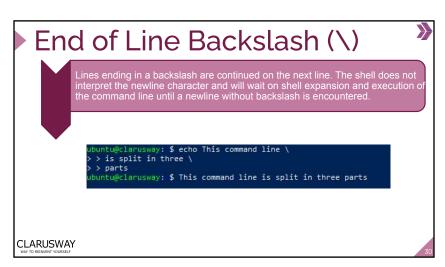














Exercise

- 1. a. Search for "clarusway.txt" in the current directory
 - b. If it exists display its content
 - c. If it does not exist print message "Too early!"
- 2. Create a file named "clarusway.txt" that contains "Congratulations"
- 3. Repeat Step 1

CLARUSWAY

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Exercises

Is -I | cut -d' ' -f3

Is -I | tee output.txt | cut -d' ' -f3

Is -I | cut -d' '-f3 | tee output.txt

cat file.txt | tr 'a' 'W' cat file.txt | tr 'a' 'W' | file.txt

cat /etc/passwd | cut -d' ' -f1 | wc -l

cat tennis_players.txt | sort cat tennis_players.txt | sort -r

info ls | tee ls_exp.txt cat /etc/passwd | cut -d' ' -f3 | uniq | wc -l

CLARUSWAY

Homework



diff (1) diff (1p) - compare files line by line

- compare two files

 $https://www.geeksforgeeks.org/diff-command-linux-examples/\#: \sim: text=diff\%20 stands\%20 for\%20 difference., make\%20 the\%20 two\%20 files\%20 identical.$

https://www.linuxtechi.com/diff-command-examples-linux/

THANKS!

Any questions?