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cat

- displays the contents of a file

Usage

`cat + option + filepath`

Examples

- Display the content of a file:
 - `cat file.txt`
- Concatenate multiple files:
 - `cat file1.txt file2.txt > merged.txt`
- Display line numbers:
 - `cat -n file.txt`

tac

- displays file contents in reverse order

Usage

- `tac + option + filepath`

Examples

- Display a file in reverse:
 - `tac file.txt`
- Combine multiple files in reverse:
 - `tac file1.txt file2.txt`

head

- displays the first lines in a file

Usage

`head + option + filepath`

Examples

- Display the first 10 lines:
 - `head file.txt`
- Display the first 5 lines:
 - `head -n 5 file.txt`

tail

- displays the last lines of a file

Usage

`tail + option + filepath`

Examples

- Display the last 10 lines:
 - `tail file.txt`
- Display the last 5 lines:
 - `tail -n 5 file.txt`
- Display the last 50 bytes:
 - `tail -c 50 file.txt`

cut

- displays a certain part of a line in a file

Usage

`cut + option + filepath`

Examples

- Extract the first column:
 - `cut -f1 file.txt`
- Extract characters 1 to 5:
 - `cut -c1-5 file.txt`
- Extract fields separated by a delimiter:
 - `cut -d':' -f1 /etc/passwd`

sort

- sorts contents of a file

Usage

`sort + option + filepath`

Examples

- Sort file alphabetically:
 - `sort file.txt`
- Sort file numerically:
 - `sort -n file.txt`
- Remove duplicates while sorting:
 - `sort -u file.txt`

WC

- displays number of lines, characters, and bytes in a file

Usage

`wc + option + filepath`

Examples

- Count lines, words, and characters:
 - `wc file.txt`
- Count only words:
 - `wc -w file.txt`
- Count only lines:
 - `wc -l file.txt`

tr

- Translates or deletes characters

Usage

`tr + option + ```

Examples

- Replace spaces with tabs:
 - `tr ' ' '\t' < file.txt`
- Delete vowels:
 - `tr -d 'aeiou' < file.txt`
- Convert lowercase to uppercase:
 - `tr 'a-z' 'A-Z' < file.txt`

diff

- displays differences between two files

Usage

`diff + option + file 1 + file 2`

Examples

- Compare two files:
 - `diff file1.txt file2.txt`
- Display side-by-side differences:
 - `diff -y file1.txt file2.txt`

grep

- searches for specified text in a file

Usage

`grep + option + word + filepath`

Examples

- Search for a word:
 - `grep 'word' file.txt`
- Case-insensitive search:
 - `grep -i 'word' file.txt`
- Count occurrences of a word:
 - `grep -c 'word' file.txt`