

# Pipe and Redirection

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# Using the Pipe Operator

The `|` symbol connects the output of one command to the input of another command

## Common Uses

Filtering output with `grep`.

Counting lines, words, or characters with `wc`.

Sorting data with `sort`.

Combining commands for complex operations.

## Format

**Command 1** | **Command 2**

## Example

`ls -l | grep '*.txt'`

# Redirection Symbols | >, <, >>

The | symbol connects the output of one command to the input of another command

## Common Uses

Saving command output to a file

Providing input from a file

Appending output to an existing file

## Format

**Command 1** | **Command 2**

## Example

# Pipe and Redirection Examples

>	ls > list.txt
>>	ls >> list.txt
	ls -l   grep '*.txt'
;	Mkdir dir; cd dir; touch file; ls -l
&&	Mkdir && cd dir && touch file && ls -l

# Demonstration