

# Bash (Unix shell) cheat sheet

## Working with processes

Ctrl + C	Kill current foreground process running in the terminal
Ctrl + Z	Suspend the current foreground process running in bash
Ctrl + D	Close the bash shell

## Controlling the screen

Ctrl + L	Clear the screen
Ctrl + S	Stop all output to the screen. This can be useful when running commands with very long output, but you don't want to stop the command with Ctrl + C
Ctrl + Q	Resume output to the screen after stopping it with Ctrl + S

## Moving the cursor

Ctrl + A or Home	Go to the beginning of the line
Ctrl + E or End	Go to the end of the line
Ctrl + B	Go left one character
Alt + F	Go right one word
Ctrl + F	Go right one character
Ctrl + X then X	Move between the beginning of the line and the current position of the cursor. This allows you to change something and return to original position

## Deleting text

Ctrl + D or Del	Delete the character under the cursor
Alt + D	Delete all characters after the cursor on the current line
Ctrl + H or Backspace	Delete the character before the cursor

## Correcting text

Alt + T	Swap the current word with the previous word
Ctrl + T	Swap the last two characters before the cursor with each other

Ctrl + _	Undo your last key press. It can be used multiple times
Esc + T	Swap the last two words before the cursor

## Cut and paste

Ctrl + W	Cut the word before the cursor and add it to the clipboard
Ctrl + K	Cut the part of the line after the cursor and add it to the clipboard
Ctrl + U	Cut the part of the line before the cursor and add it to the clipboard
Ctrl + Y	Paste the last thing you cut from the clipboard. The y here stands for "yank"

## Capitalizing characters

Alt + U	Capitalize every character from the cursor to the end of the current word, converting the characters to upper case
Alt + L	Uncapitalize every character from the cursor to the end of the current word, converting the characters to lower case
Alt + C	Capitalize the character under the cursor. Your cursor will move to the end of the current word.

## Tab completion

Tab	Automatically complete the file, directory, or command you're typing
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## Command history

Ctrl + P or Up arrow	Go to the previous command in the command history
Ctrl + N or Down arrow	Go to the next command in the command history
Alt + R	Revert any changes to a command you've called from your history, if you've edited it
Ctrl + R	Recall the last command matching the characters you

provide. Press this shortcut and start typing to search your bash history for a command

Ctrl + O	Run a command you found with Ctrl + R
Ctrl + G	Leave history searching mode without running a command

*Last modification: 8/12/2021 8:15:53 AM*

*More information:* [defkey.com/bash-linux-unix-shell-shortcuts](https://defkey.com/bash-linux-unix-shell-shortcuts)

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