

Script

This cheatsheet uses these norms :

- ▶ separation in parts ☺ *Header, Declaration, Input parameter, Process, Cleaning*
- ▶ variables ☺ uppercase

Example of a script

```
#!/bin/bash
#MoveFiles
#param 1: Directory of the file
#param 2: Final directory
#Author : Jigoubigoulai
#Date : 11.01.2019
shopt -s -o nounset
#Part 2: Declaration
declare FILEDIRECTORY
declare FINALDIRECTORY
#Part 3: Input Parameters
if test $# -ne 2; then
    echo "$0 is the name of the script"
    echo "$1 is the directory of the file"
    echo "$2 is the directory where you want to
move your file."
    echo "The directories must be absolut."
    echo "This script only uses two parameters
(excluding $0)"
    echo "Example : ./MoveFiles.sh /mnt/c/Users/"
fi
FILEDIRECTORY = $1
FINALDIRECTORY = $2
#Part 4: Process
mv $1 $2
#Part 5: Cleaning
unset FILEDIRECTORY
unset FINALDIRECTORY
```

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Useful commands

Command	Explanation	Example
cd	<i>Moves to a directory</i>	cd /mnt/c/Users/
pwd	<i>Shows current directory</i>	-
chmod	<i>Change permissions</i>	chmod 755 script.sh
vim	<i>Opens VIM editor</i>	vim script.sh

Directories in bash

Desktop	/mnt/c/Users/<UserName>/Desktop
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Check parameters

```
Check if the number of parameters is correct
if test $# -ne 1; then
    echo "Usage: $0 value"
    exit -1
fi
```



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