

### 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 : Jigoub igoulai
#Date : 11.01.2019
shopt -s -o nounset
#Part 2: Declar ation
declare FILEDI RECTORY
declare FINALD IRE CTORY
#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 direct ories must be
absolu t."
    echo "This script only uses two
parameters (excluding $0) "
    echo " Example : ./Move Fil es.sh
/mnt/c /Us ers /"
fi
FILEDI RECTORY = $1
FINALD IRE CTORY = $2
#Part 4: Process
mv $1 $2
#Part 5: Cleaning
unset FILEDI RECTORY
unset FINALD IRE CTORY
```



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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 /<User Name>/ 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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