



# EXERCISES — Extchange

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version #



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# 1 Extchange

## Files to submit:

- extchange/extchange.sh

## Authorized commands:

- builtins
- cut(1)
- mv(1)

### 1.1 Goal

You have to write a shell script that takes two arguments. The goal is to change the extensions of all files in the current directory having the extension specified in '\$1' to the extension specified in '\$2'.

You should also print on the standard output the `mv` operation that is being done.

- If a wrong number of arguments is specified, your program should `exit 1`, and print `Usage: extchange.sh 'ext1' 'ext2'` on the error output.
- If there is not any file matching the first extension, your program should `exit 2`.
- You can assume that you will always be able to `mv` the matched files.

Directories are to be renamed as well. You don't have to handle hidden files and files that contain multiple `.` in their name.

### 1.2 Examples

```
42sh$ ls
42sh$ ./extchange.sh
Usage: extchange.sh 'ext1' 'ext2'
42sh$ echo "$?"
1
42sh$ ./extchange.sh a b
42sh$ echo "$?"
2
42sh$ touch hello.a world.a
42sh$ ./extchange.sh a b
mv hello.a hello.b
mv world.a world.b
42sh$ echo "$?"
0
42sh$
```

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