



EXERCISES — Copy and save

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**The way is lit. The path is clear.
We require only the strength to follow it.**

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File Tree

```
copy_save/  
└─ copy_save.sh  (to submit)
```

Authorized commands : You are only allowed to use the following commands

- builtins
- basename(1)
- cat(1)
- cp(1)
- mkdir(1)

Reminder : Grant execution permission to your scripts before pushing them

1 Goal

You must write a script that reads a `csv` (comma separated value) file, extracts file names from it, and saves them to the created directory named `save`.

On success, the script must return 0. If the file given as argument or in the file does not exist, you must return 1. Furthermore, if the number of parameters given to the script is different from 1, then the script must also print the error message: Usage: `copy_save.sh file.csv` and return 1.

If any file in the `csv` is invalid, you must print this error message `<file>: invalid file` where `<file>` is the first invalid file in the `csv` and return 2.

2 Example

```
42sh$ ls  
copy_save.sh data1.txt data2.txt data3.txt invalid.csv task.csv  
42sh$ cat invalid.csv  
toto.txt,tata.txt  
42sh$ cat task.csv  
data1.txt,data2.txt,data3.txt  
42sh$ ./copy_save.sh  
Usage: copy_save.sh file.csv  
42sh$ echo $?  
1  
42sh$ ./copy_save.csv invalid.csv  
toto.txt: no such file  
42sh$ echo $?  
2  
42sh$ ./copy_save.sh task.csv  
42sh$ echo $?  
0  
42sh$ ls
```

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```
copy_save.sh data1.txt data2.txt data3.txt save task.csv
42sh$ ls save
data1.txt data2.txt data3.txt
```

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