



## EXERCISES — Tree trunk

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version #f6de30ca5ee18fb9a30e5fbfc9eb9a1de8e13354



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

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## Contents

1	Goal	3
2	Example	3

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## File Tree

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

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

- builtins

**Reminder** : Grant execution permission to your scripts before pushing them

## 1 Goal

Write a shell script that prints on the standard output the content of the given directories in a tree-like format. The output looks like the command `tree --prune`. You do not have to print at the end the count of files and directories.

You do not have to handle these cases:

- File types other than *regular file* and *directory*
- Empty directories
- Permission access
- Return value

## 2 Example

```
42sh$ ls  
mini_tree.sh out  
42sh$ ./mini_tree.sh | cat -A  
.$  
+-- mini_tree.sh$  
+-- out$  
    +-- README$  
    +-- src$  
        |  +-- bye$  
        |  |  +-- bye$  
        |  +-- hello$  
        |      +-- kitty$  
        |      +-- world$  
    +-- tests$  
        +-- test01$  
        +-- test02$
```

```
42sh$ ./mini_tree.sh out | cat -A  
out$  
+-- README$  
+-- src$  
|  +-- bye$
```

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```
| | +-- bye$
| +-- hello$
| +-- kitty$
| +-- world$
+-- tests$
    +-- test01$
    +-- test02$
```

```
42sh$ ./mini_tree.sh out/src/bye/ not_here ./out/tests | cat -A
out/src/bye/$
+-- bye$
not_here [error opening dir]$
./out/tests$
+-- test01$
+-- test02$
```

```
42sh$ ./mini_tree.sh mini_tree.sh | cat -A
mini_tree.sh [error opening dir]$
$
0 directories, 0 files$
```

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