



# EXERCISES — Tree trunk

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version #



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# 1 Tree trunk

## Files to submit:

- mini\_tree/mini\_tree.sh

## Authorized commands:

- builtins

### 1.1 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

### 1.2 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$
| | +-- bye$
| +-- hello$
```

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```
|      +-- 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$
```

*It is my job to make sure you do yours.*