



# EXERCISES — Create Files

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version #cb69afd89690e908c9ef3ff2545b93df54f86b1f



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## File Tree

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

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

- `builtins`
- `mkdir(1)`
- `touch(1)`
- `chmod(1)`
- `seq(1)`

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

## 1 Goal

In this exercise, you must create several (empty) files, with the 0644 permissions, named as below:

- `(space)`;
- `\ (backslash)`;
- `-- (dash & dash)`;
- `| (pipe)`;
- `" (double quote)`;
- `' (single quote)`;
- `--$i*'" \ (dash & dash & dollar sign & i & star & single quote & double quote & backslash)`;
- `# Exams are fun! (sharp sign & space & "Exams" & space & "are" & space & "fun" & exclamation mark)`;
- `;`kill -9 0` (semicolon & back quote & "kill" & space & minus sign & "9" & space & "0" & back quote)`;
- `1/2/...50/farfaraway (a tree of directories named from "1" to "50", each one created in its predecessor. The last directory of this tree contains a file named "farfaraway")`;

Your script **must** have `#!/bin/sh` as a shebang. You do not have to modify the directories permissions, and your file must be created in the current working directory.

## 2 Example

```
42sh$ find . -type f -exec ls -gGl {} \; | cat -te
-rw-r--r-- 1 0 Sep 26 09:45 ./--$
-rw-r--r-- 1 0 Sep 26 09:45 ./# Exams are fun!$
-rw-r--r-- 1 0 Sep 26 09:45 ./'$
-rw-r--r-- 1 0 Sep 26 09:45 ./--$i*'"$
-rw-r--r-- 1 0 Sep 26 09:45 ./;`kill -9 0`$
-rw-r--r-- 1 0 Sep 26 09:45 ./ $
-rw-r--r-- 1 0 Sep 26 09:45 ./1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/
↪25/26/27/28/
29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/farfaraway$
-rw-r--r-- 1 0 Sep 26 09:45 ./"$
-rw-r--r-- 1 0 Sep 26 09:45 ./|$
-rw-r--r-- 1 0 Sep 26 09:45 ./\ $
```

*I must not fear. Fear is the mind-killer.*