



# EXERCISES — 80 columns

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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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## File Tree

```
80cols/  
└─ 80cols.sh (to submit)
```

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

- builtins
- wc(1)

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

## 1 Goal

This exercise's goal is to display, from a given file, lines that have strictly more than 80 characters, including line breaks. The tabulation must be considered as any other character. Thus, it counts as only one character.

You must **not** use `grep` for this exercise.

Your script must always return 0 if passed exactly one readable file as parameter and 1 in all the other cases.

### Tips

To print the result string without the interpretation of backslash escapes, you should take a look at `printf(1)`.

## 2 Examples

```
42sh$ cat test.txt  
This is a short line.  
This is a very long line, maybe the longest line we have ever seen in this subject!  
This is another short line.  
42sh$ ./80cols.sh test.txt  
This is a very long line, maybe the longest line we have ever seen in this subject!  
42sh$ ./80cols.sh  
42sh$ echo "$?"  
1  
42sh$ chmod -r test.txt  
42sh$ ./80cols.sh test.txt  
42sh$ echo "$?"  
1
```

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