Exercises — Fact Iter

version **#f6de30ca5ee18fb9a30e5fbfc9eb9a1de8e13354**

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

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Contents

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File Tree

```
fact_iter/
└── fact_iter.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

You have to write a script taking only one number as argument and printing the factorial of this number on the standard output followed by a line break.

If you do not have exactly one argument, you have to exit 1. Otherwise, you will exit 0.

You do not have to handle the negative numbers.

2 Example

```
42sh$ ./fact_iter.sh
42sh$ echo "$?"
1
42sh$ ./fact_iter.sh 1
1
42sh$ echo "$?"
0
42sh$ for i in $(seq 1 5); do ./fact_iter.sh "$i"; done
1
2
6
24
120
42sh$ echo "$?"
0
```

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