



## EXERCISES — Fact

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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

```
facto/  
└─ facto.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 script taking a number as argument and printing the factorial of this number on the standard output.

### Tips

The first argument, if it exists, will always be a positive integer (including zero).

```
42sh$ ./facto.sh  
42sh$ echo "$?"  
1  
42sh$ for i in $(seq 1 5); do ./facto.sh "$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.*