Exercises — My bc

version **#f6de30ca5ee18fb9a30e5fbfc9eb9a1de8e13354**

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

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Contents

File Tree

```
my_bc/
└── my_bc.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

The goal of this exercise is to implement a `bc`-like program in shell. You must support basic operations (+, -, *, /, %) and parenthesis. You don't have to handle errors or ill-formed input.

Your program must be able to read infinitely on the standard input if no argument is given. If an argument is given, you must evaluate the expressions and exit.

2 Example

```
42sh$ ./my_bc.sh '1 + 2 * 10'
21
42sh$ ./my_bc.sh <<< '54 / 2 - 3'
24
42sh$ ./my_bc.sh
1 + 2
3
5 - 4
1
```

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