



Go Piscine

Go 04

*Summary: THIS document is the subject for the Go 04 module of the Go Piscine @ 42Tokyo.*

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# Chapter I

## Instructions

- Only this page will serve as reference; do not trust rumors.
- Watch out! This document could potentially change up to an hour before submission.
- These exercises are carefully laid out by order of difficulty - from easiest to hardest. We will not take into account a successfully completed harder exercise if an easier one is not perfectly functional.
- Make sure you have the appropriate permissions on your files and directories.
- You have to follow the submission procedures for every exercise.
- Your exercises will be checked and graded by your fellow classmates.
- You cannot leave any additional file in your directory than those specified in the subject.
- Got a question? Ask your peer on the right. Otherwise, try your peer on the left.
- Your reference guide is called `Google / man / the Internet / ....`
- Examine the examples thoroughly. They could very well call for details that are not explicitly mentioned in the subject...
- If no other explicit information is displayed, you must use the latest versions of Go.

# Chapter II

## Exercise 00 : printprogramname

	Exercise 00
printprogramname	
Turn-in directory : <i>ex00/</i>	
Files to turn in : *	
Allowed packages : <a href="https://github.com/42tokyo/ft">github.com/42tokyo/ft</a> , <code>os</code>	
Allowed builtin functions : <code>None</code>	


Write a program that prints the name of the program.

- Example of output :

```
$ go build printprogramname.go
$ ./printprogramname | cat -e
printprogramname$
$ go build printprogramname.go -o main
$ ./main | cat -e
main$
$
```

# Chapter III

## Exercise 01 : printparams

	Exercise 01
printparams	
Turn-in directory : <i>ex01/</i>	
Files to turn in : *	
Allowed packages : <a href="https://github.com/42tokyo/ft">github.com/42tokyo/ft</a> , os	
Allowed builtin functions : None	


Write a program that prints the arguments received in the command line.

- Example of output :

```
$ go run . norminette is the best cat
norminette
is
the
best
cat
$
```

# Chapter IV

## Exercise 02 : revparams

	Exercise 02
revparams	
Turn-in directory : <i>ex02/</i>	
Files to turn in : *	
Allowed packages : <code>github.com/42tokyo/ft</code> , <code>go</code>	
Allowed builtin functions : None	


Write a program that prints the arguments received in the command line in reverse order.

- Example of output :

```
$ go run . norminette is the best cat
cat
best
the
is
norminette
$
```

# Chapter V

## Exercise 03 : sortparams

	Exercise 03
sortparams	
Turn-in directory : <i>ex03/</i>	
Files to turn in : *	
Allowed packages : <a href="https://github.com/42tokyo/ft">github.com/42tokyo/ft</a> , go	
Allowed builtin functions : None	

Write a program that prints the arguments received in the command line in ASCII order.

- Example of output :

```
$ go run . 1 a 2 A 3 b 4 C
1
2
3
4
A
C
a
b
$
```