

Laboratory 1 - List of program options (translation)

COMPILED PROGRAM NAME

TP

MAIN SYNTAX

TP EXERCISE_NUMBER OPTIONS_OF_THE_EXERCISE

DESCRIPTION

TP Displays the answer to help request

TP -h Displays the answer to help request

TP -help Displays the answer to help request

TP -EXO_1 OPTS Runs exercise 1

TP -EXO_2 OPTS Runs exercise 2

TP -EXO_3 OPTS Runs exercise 3

Options **-EXO_1**, **-EXO_2**, and **-EXO_3** indicate the **EXERCISE_NUMBER**

GENERAL OPTIONS (**OPTS**)

-v "**verbose**" mode (not activated by default). It displays supplementary information when algorithms are run

-N int value > 0. It is the **Number** of times one experience is repeated (default value = 1000). The possible number of random draws or iterations is <= 1000000

-S int value > 0. It is the **Seed** value to initialize the pseudo-random generator (default value = 0). Pseudo-random draws are different depending on seed values.

-C int value > 0. It is the number of **Classes** (also named bins) used to define the number of elements that form a histogram (default value = 50).

-d display colored points (squares and circles) in the current graphic window. This option is disabled by default to speed up the calculations for a high number of values.

Except for the verbose mode and the **-d** option, whenever different values than the default ones are assigned to the other 3 options, the value must be preceded by the corresponding option identifier (**-N**, **-S**, and/or **-C**), leaving a space between the identifier and the assigned value.