

Exercise 1: Write a script to count the times the first number appears in the input set.

It is an example where we make use of the shift command among others

Example: `./count 2 3 4 1 2 2` (tells us that 2 appears 3 times)

Exercise 2: Write a script that shows the first and last parameter of a shell script

Example: `./showfandl this is a test` (shows this and test)

Exercise 3: Modify the previous script to show all the parameters and its order

Example: 1 This

2 is

3 a

4 test

Exercise 4: we pass a set of arguments, if it is a file, we remove the reading permission for other users, if it is not a file, we simply write the argument in the terminal

Exercise 5: Show the content of all the directories in the working directory.

Exercise 6: Find out if a user is logged in, the user is a parameter of the script. Do not use awk.

Let's use a function to show a help.

Exercise 7: using the script of exercise 6, check if a set of users are in the system.

Exercise 8: Write a shell script that asks for confirmation if you are going to overwrite a file when the cp command is used.

Exercise 9 (AWK): Given the file scores.txt

Joan	2.3	2.3	2.3
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Mary	3.4	5.6	6.7
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Peter	5.0	6.0	8.0
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Joseph	3.3	3.3	3.3
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Anne	9.1	9.1	9.1
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Write an awk script call scores.awk to obtain the following resulting table:

Name	Ex1	Ex2	Ex3	Mean	Apt
Joan	2.3	2.3	2.3	2.3	No
Mary	3.4	5.6	6.7	5.2	Yes
Peter	5.0	6.0	8.0	6.3	Yes
Joseph	3.3	3.3	3.3	3.3	No
Anne	9.1	9.1	9.1	9.1	Yes
Total	4.6	5.3	5.9	5.3	3

Notice that the execution command could be: `awk -f scores.awk scores.txt`