

1. EXERCISE (10.1.pl)

Move to your Windows system directory (for almost all systems this is “C:\Windows”). Try to find out how many files ending with .exe are present there.

2. EXERCISE (10.2.pl)

Write a program that gets the contents of a directory and then prints it to the screen, but only for files which haven't been modified for at least 1 day. Try the directory where your Perl scripts are located.

3. EXERCISE (10.3.pl)

In the last program also directories were listed. Modify the program so only files get printed.

4. EXERCISE (10.4.pl)

Create an array with all numbers between 1 and 20000. Sort the array (alphabetically) and print the result to the screen. Measure how long this whole procedure took (in seconds) and report it back to the user. Try it within the IDE and on the console.

5. EXERCISE (10.5.pl)

Copy some text files (with the extension .txt) into a temporary folder on drive D called “TEMP”. Write a program that renames all of those files into files with .bak extensions. HINT: Use regular expressions to replace any trailing .txt with .bak for each found file.

6. EXERCISE (10.6.pl)

Create a new directory within TEMP called “BAK” and move the renamed .bak files from the last exercise into this directory. HINT: Move them one by one using a foreach loop.

7. EXERCISE (10.7.pl)

Delete the “BAK” directory you just created. HINT: You will have to delete the contents inside of the directory first.

8. EXERCISE (10.8.pl)

Put a file (e.g. genes.txt) into your TEMP folder. Create a copy of that file (e.g. genes_copy.txt) inside the folder using the File::Copy module. Read through the description of the module on Perldoc to decide which function to use and follow the described syntax to achieve the task.