École supérieure en sciences et technologies de l'informatique et du numérique
1ière année en cycle de spécialité (1CS)
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LAB°5

EXERCISE 1:

Write a program that performs the following sequence:

1. The parent process starts by writing "Parent" into the file specified in the first argument passed to the command line, and then sleeps for 2 seconds.

2. The child process begins by sleeping for 1 second, then reads the 4 characters written by the parent from the file and displays them on the screen.

3. The child process then writes "Child" into the file and terminates.

4. After sleeping, the parent process reads the 4 characters written by the child from the file, displays them on the screen, and terminates.

EXERCISE 2:

Write a program that performs the following sequence:

1. The child process starts by writing "Child" into the file specified in the first argument passed to the command line, then sleeps for 2 seconds.

2. The parent process starts by sleeping for 1 second, then reads the 4 characters written by the child from the file and displays them on the screen.

3. The parent process then writes "Parent" into the file and terminates.

4. After sleeping, the child process reads the 4 characters written by the parent from the file, displays them on the screen, and terminates.