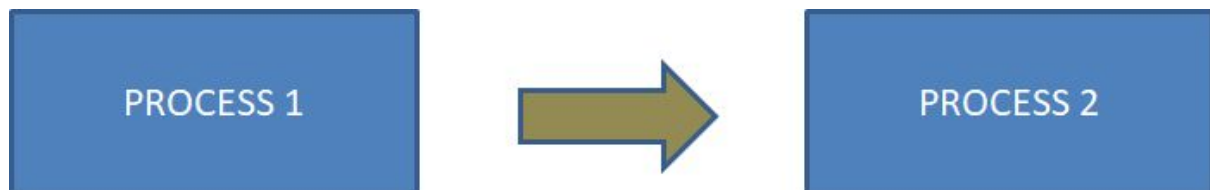**Assignment 1**

In this assignment you have to develop a program to communicate two child processes created from a parent process.

The idea is to write a Java class to run two commands (each child will run a different command) with their respective arguments and redirect the standard output of the first command to the standard input of the second command.

For the purposes of this assignment, both commands and their respective arguments will be provided by the code of the program, so it is not necessary to check the **String[] args** of the main function.

The following example shows the result expected for the following 2 commands:
1) ls -la
2) tr "d" "D"

```
Exit of the process: [ls, -la] | [tr, d, D]
total 14
Drwxr-xr-x 1 DaviD 197121    0 Sep 15 17:40 .
Drwxr-xr-x 1 DaviD 197121    0 Sep 15 18:43 ..
-rw-r--r-- 1 DaviD 197121 301 Sep 15 17:40 .classpath
-rw-r--r-- 1 DaviD 197121 388 Sep 15 17:40 .project
Drwxr-xr-x 1 DaviD 197121    0 Sep 15 17:40 .settings
Drwxr-xr-x 1 DaviD 197121    0 Sep 15 17:41 bin
Drwxr-xr-x 1 DaviD 197121    0 Sep 15 17:41 src
```

Assessment criteria

Assessment category	%
Execution correctness	40
Structure (e.g., modularization, information hiding, etc.)	30
Insightful programming (e.g., developing reusable class components, etc.)	10
Consistent style (e.g., capitalization, indenting, etc.)	10
Appropriate commenting style	10