LABORATORY 4

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OPERATING SYSTEMS

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**Exercise 1**

Write a child process which execute a process ./calc with  argv[1], argv[2] and argv[3] parameters.

Where:

**argv[1] - first number,**

**argv[2] - operation  (+-x/),**

**argv[3]  - second number.**

Use one of the **execv\* functions to pass arguments to the program.**

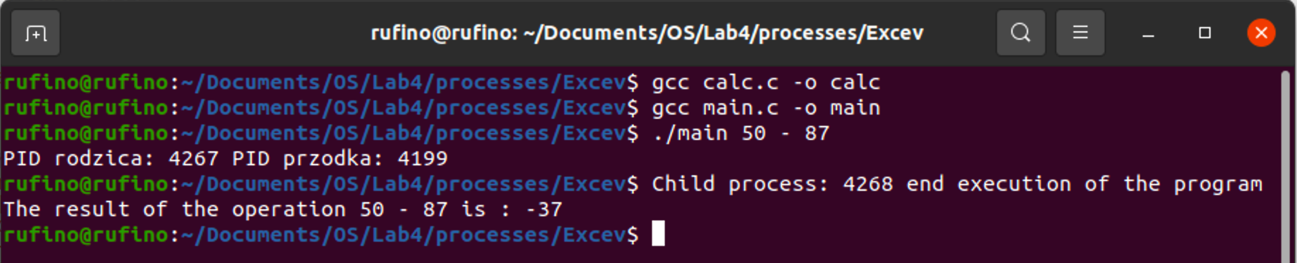
Texto

Descripción generada automáticamente**For this exercise this is the code I have made in the main.c to run with the execv\* function:**

Interfaz de usuario gráfica

Descripción generada automáticamente con confianza media**The code of calc.c is this:**

**And when we execute and run the code we can see in the next image that works correctly:**

****

**EXERCISE 2**

**Prepare 3 versions of this program using both execl\* and execv\* commands.**

**Imagen que contiene Tabla

Descripción generada automáticamente**For the first one, **execlp\*:**

The code of the program **calc.c** still the same as the **EXERCISE 1.**

**And when we execute and run the code we can see in the next image that works correctly:**

**Texto

Descripción generada automáticamente**

For the second one, **execvp\*:**

**Interfaz de usuario gráfica, Texto, Aplicación

Descripción generada automáticamente**

The code of the program **calc.c** still the same as the **EXERCISE 1.**

**Texto

Descripción generada automáticamenteAnd when we execute and run the code we can see in the next image that works correctly:**

**Imagen que contiene Tabla

Descripción generada automáticamente**For the third and last one**, execl\*:**

The code of the program **calc.c** still the same as the **EXERCISE 1.**

**Texto

Descripción generada automáticamenteAnd when we execute and run the code we can see in the next image that works correctly**