**Report**

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Ex1

A screenshot of a computer

Description automatically generated with medium confidence

I use message queue for communication and a shared memory for 2 program to transfer data between.

Program 2 sent data to program1, program 1 will display and add that value to shared memory

Ex2

A screenshot of a computer program

Description automatically generated with medium confidence

We can see on the terminal of `child`, there are 3 process forked. Since they are monitored by `parent`, the value of x and y will be changed respectively from (0, 0), to (10, 0) and (0, 10) as in picture