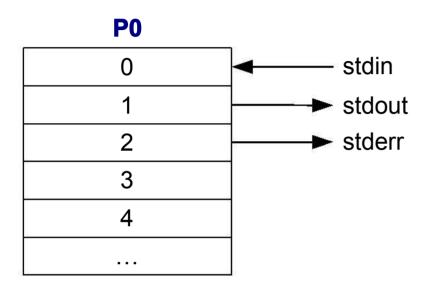
Università di Ferrara Laurea Triennale in Informatica A.A. 2021-2022 Sistemi Operativi e Laboratorio

Lab-06b. Esempio pipe

Prof. Carlo Giannelli

Esercizio 1 – Schema soluzione 1/15

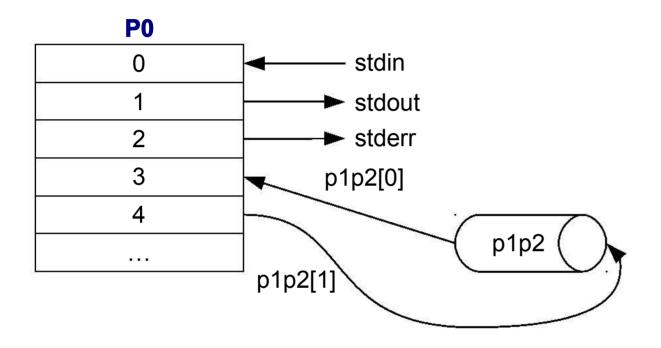


Il processo PO deve creare due processi figli:

- P1 che effettua un "grep stringa"
- P2 che effettua una "wc -l"

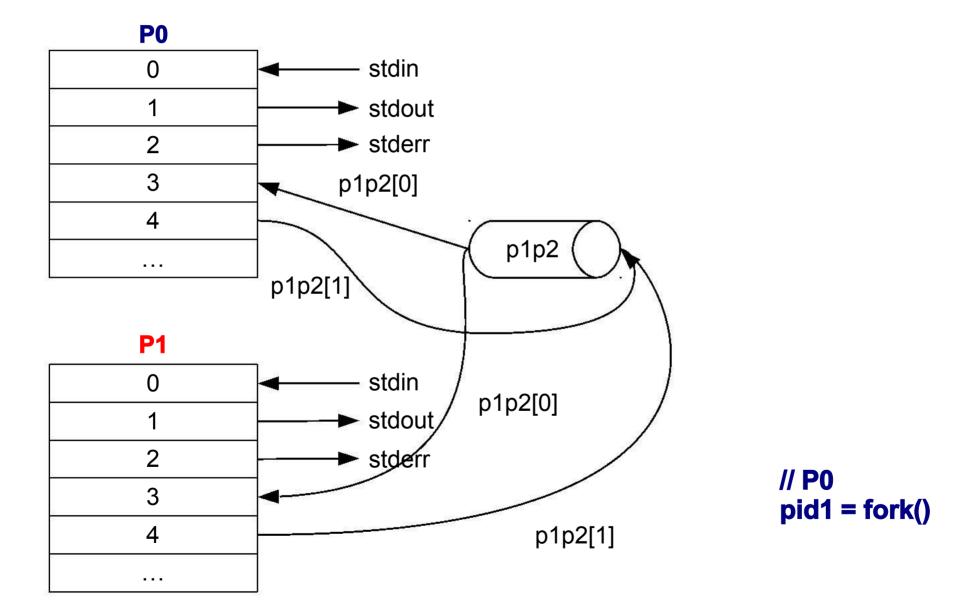
Tramite una pipe l'output della grep deve essere rediretto nell'input della wc

Esercizio 1 – Schema soluzione 2/15

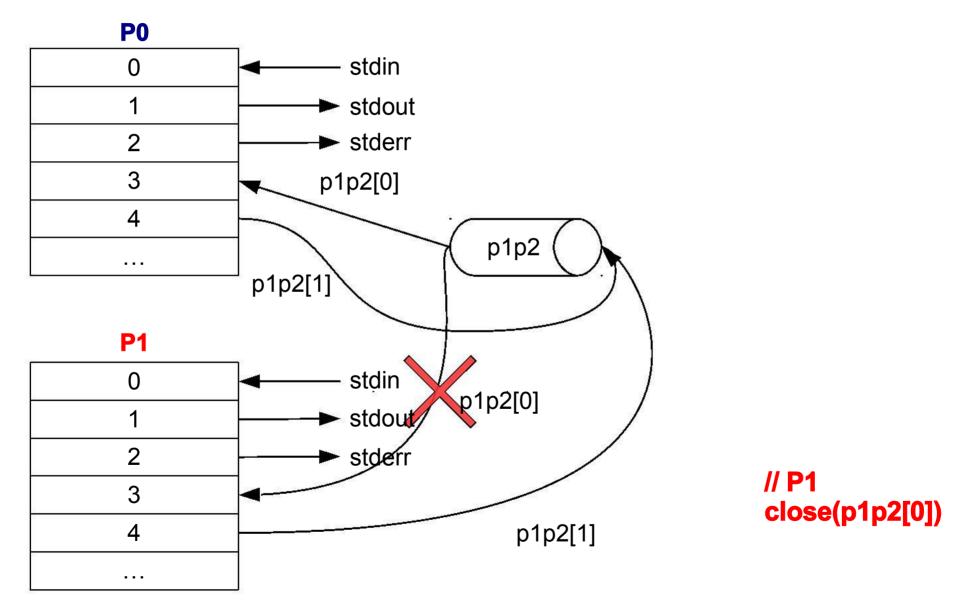


// P0 pipe(p1p2)

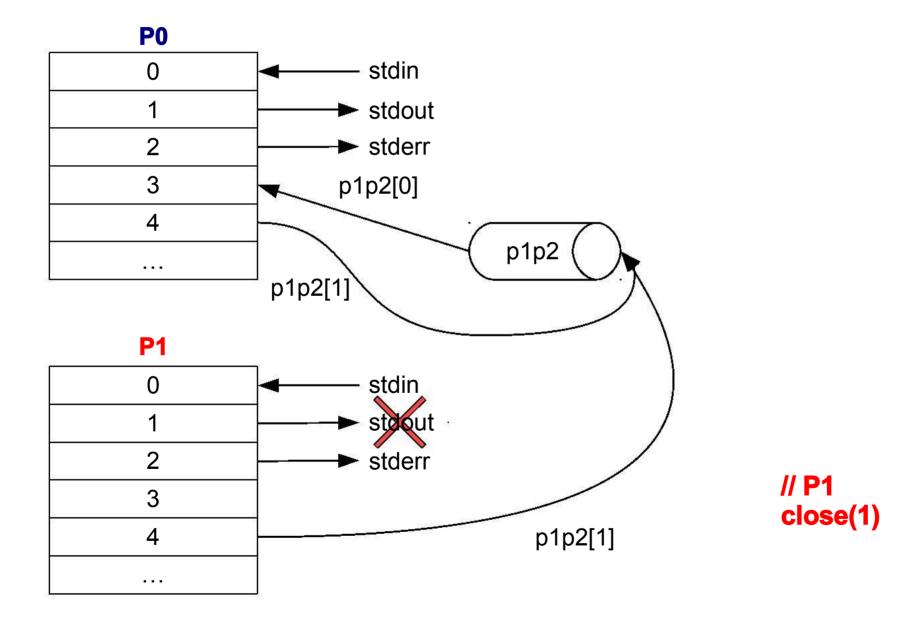
Esercizio 1 – Schema soluzione 3/15



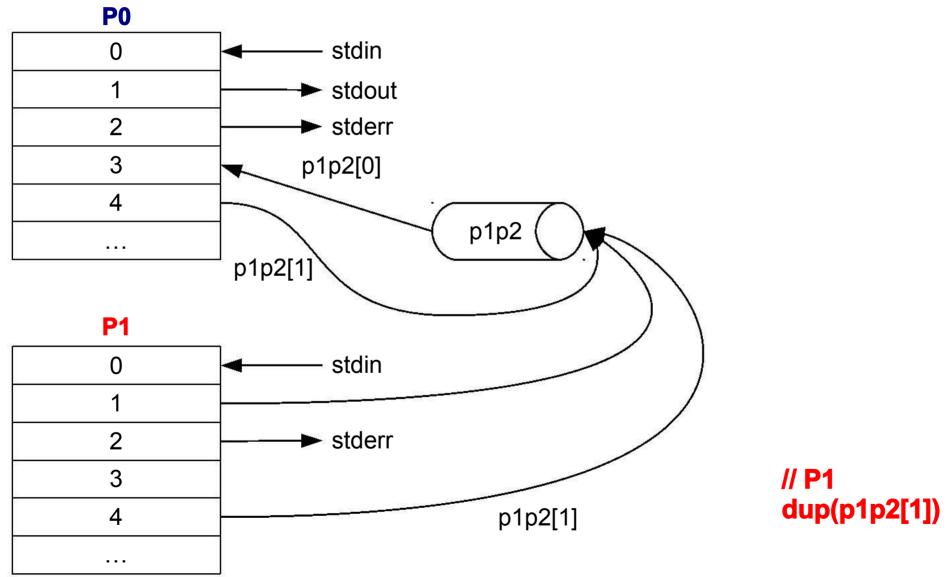
Esercizio 1 – Schema soluzione 4/15



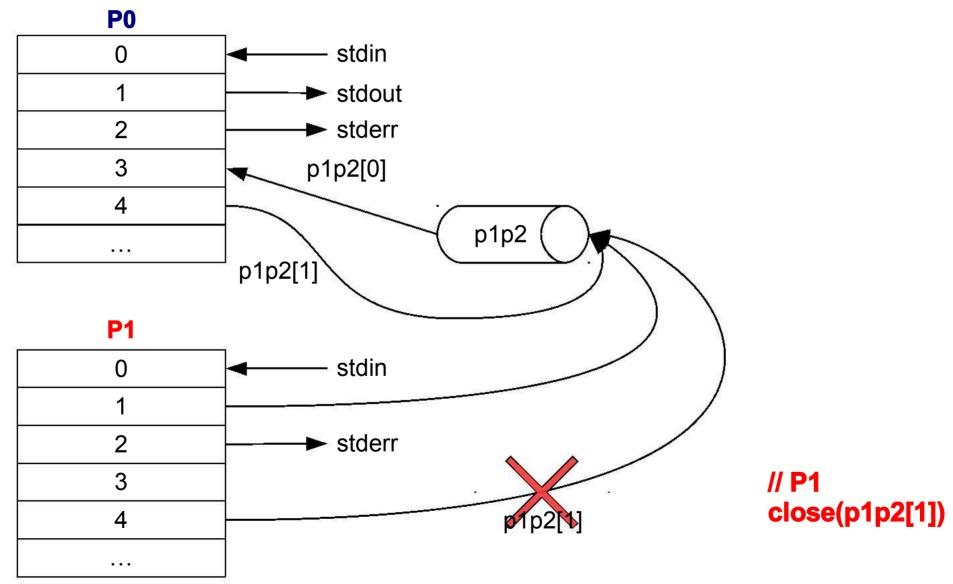
Esercizio 1 – Schema soluzione 5/15



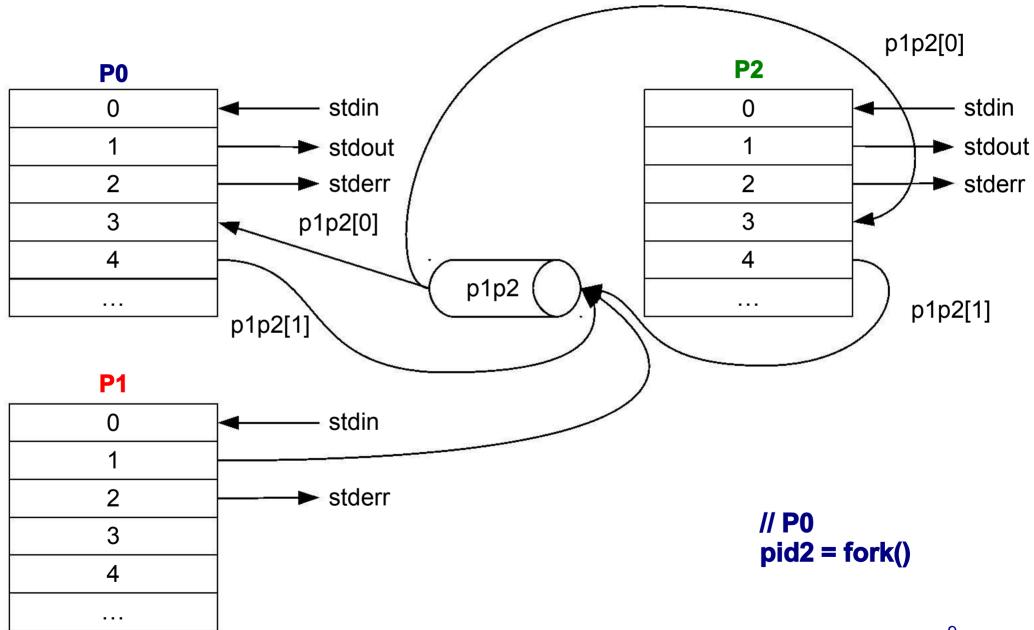
Esercizio 1 – Schema soluzione 6/15



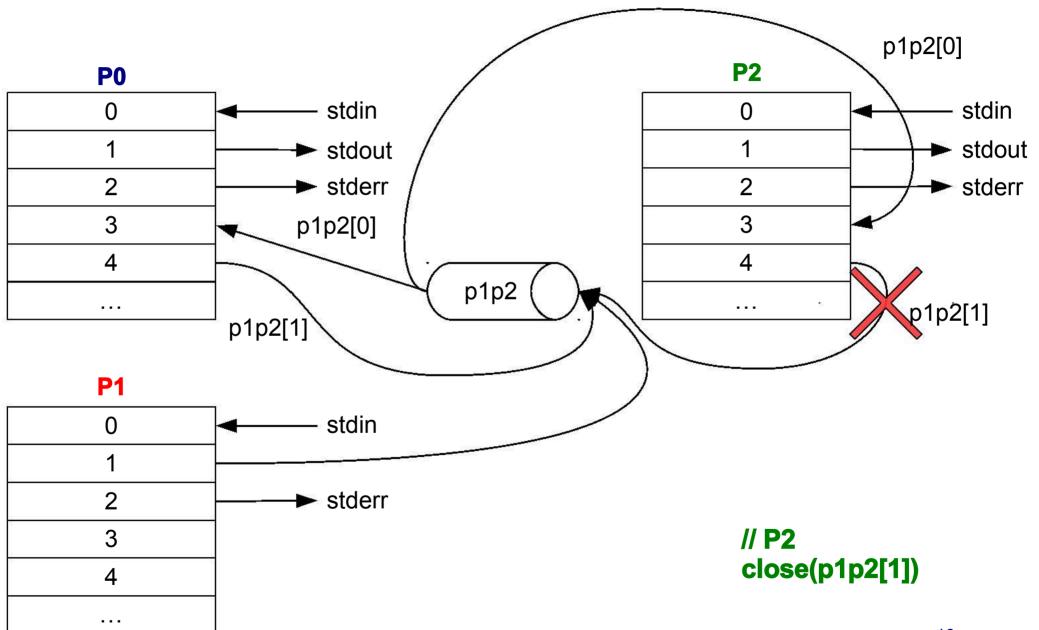
Esercizio 1 – Schema soluzione 7/15



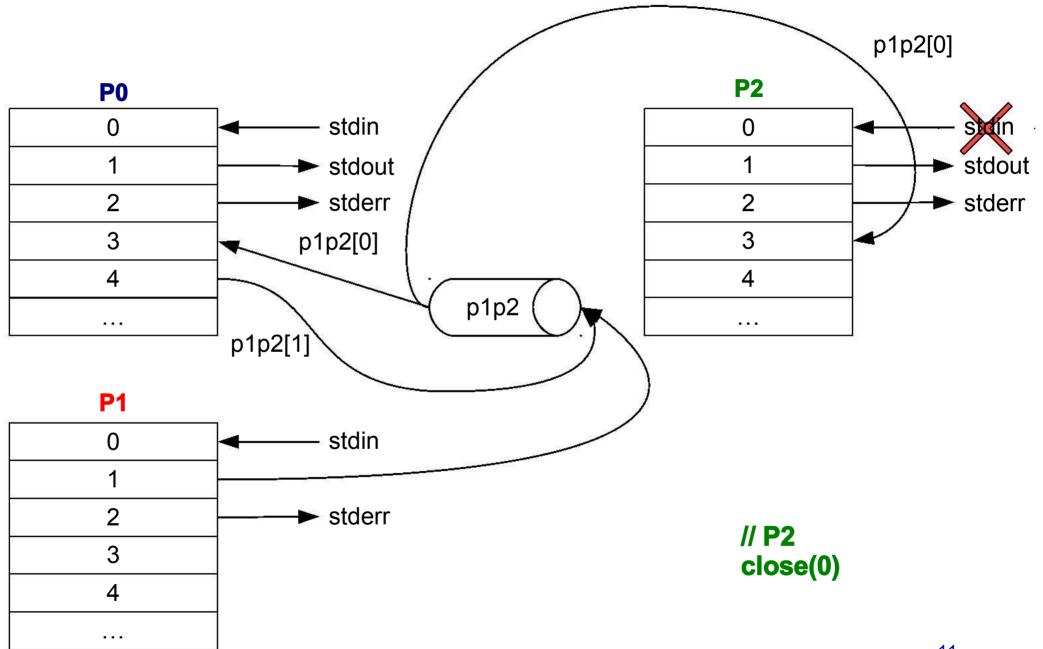
Esercizio 1 – Schema soluzione 8/15



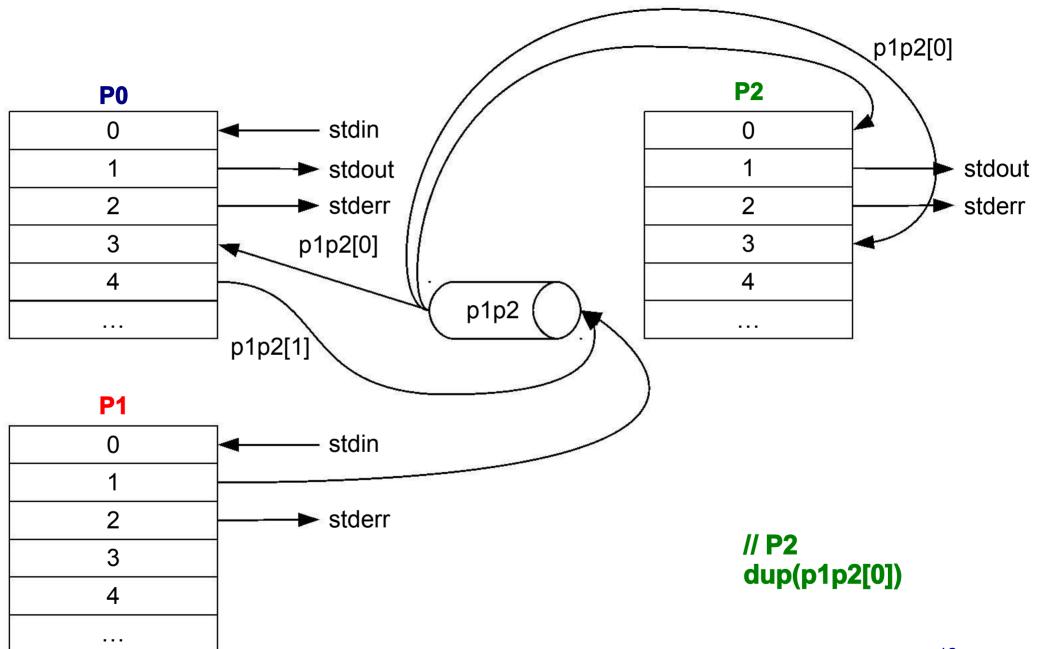
Esercizio 1 – Schema soluzione 9/15



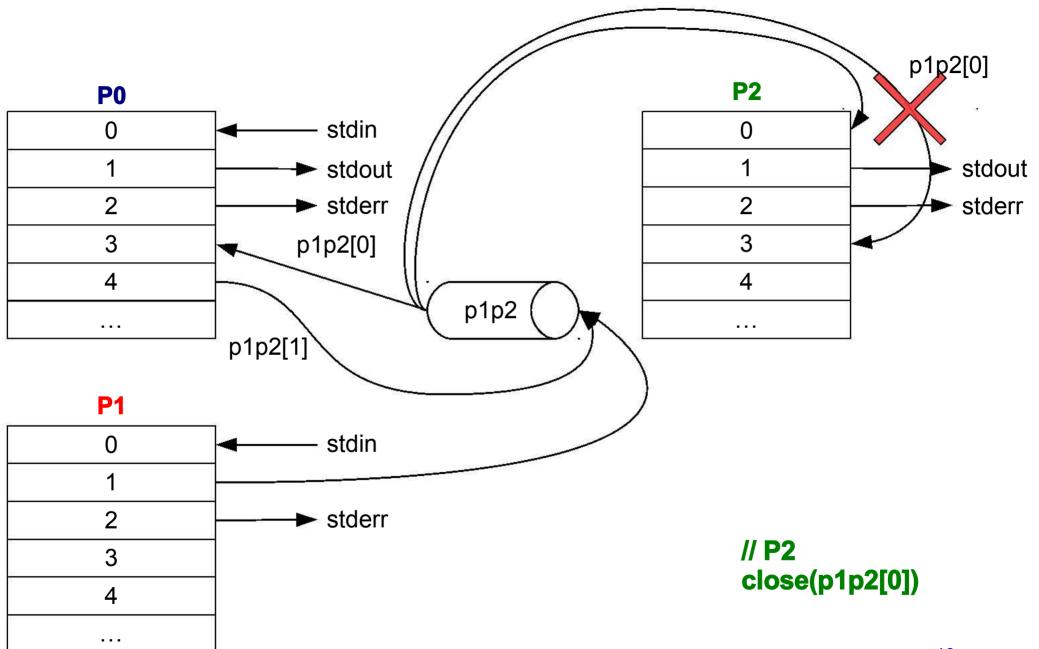
Esercizio 1 – Schema soluzione 10/15



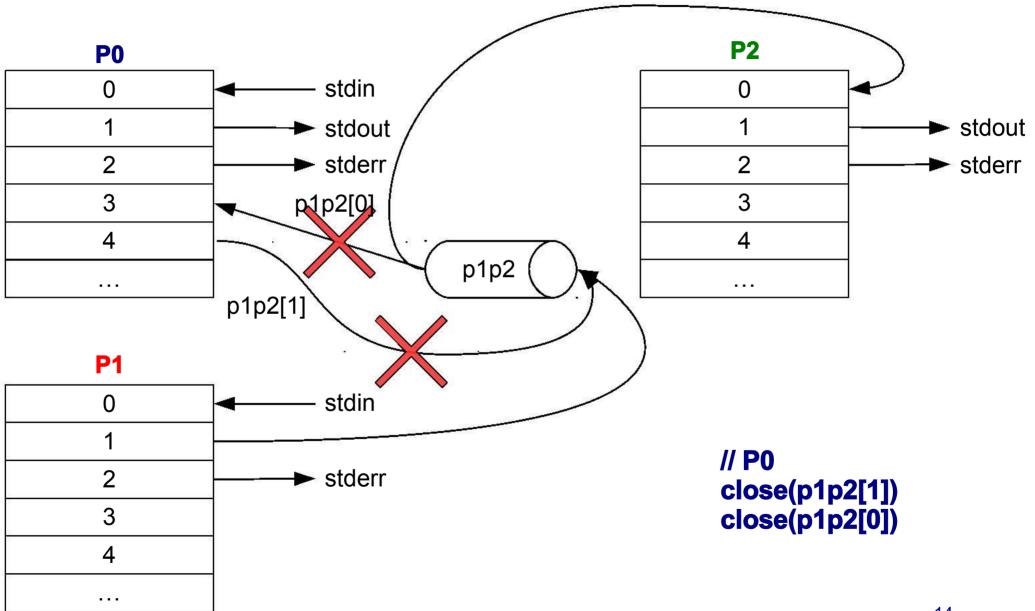
Esercizio 1 – Schema soluzione 11/15



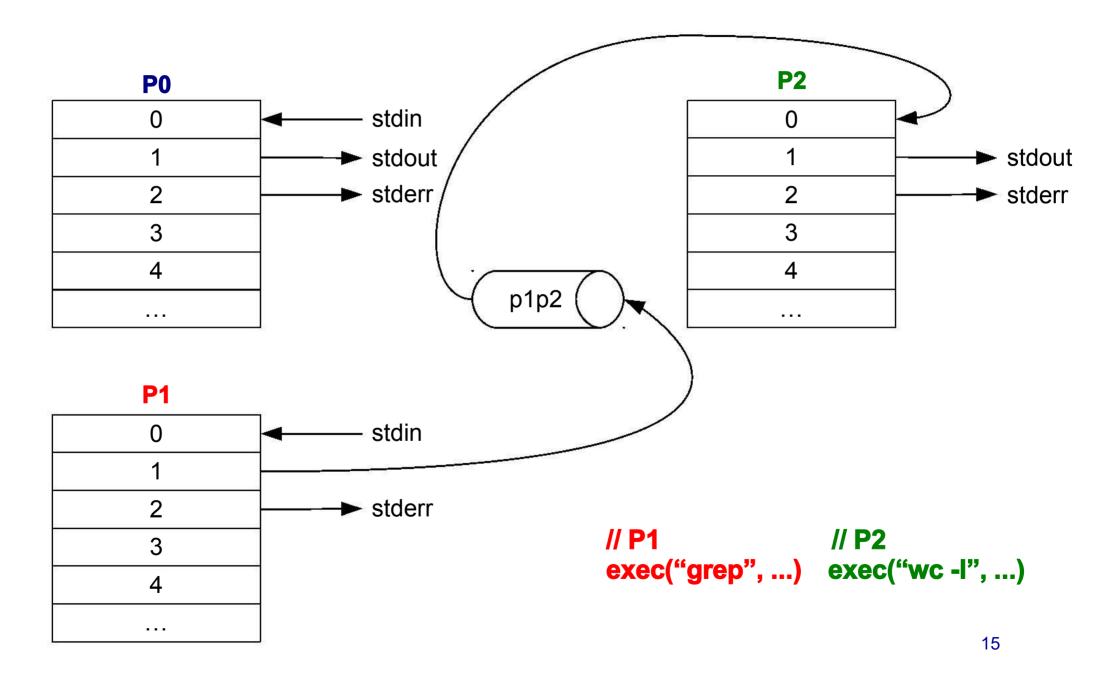
Esercizio 1 – Schema soluzione 12/15



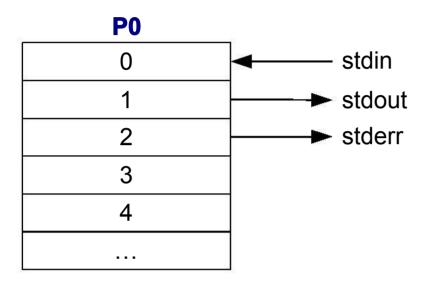
Esercizio 1 – Schema soluzione 13/15



Esercizio 1 – Schema soluzione 14/15



Esercizio 1 – Schema soluzione 15/15



E se PO non avesse chiuso la pipe?