



# Birla Institute of Technology & Science, Pilani

Pilani Campus

I SEMESTER 2024-2025

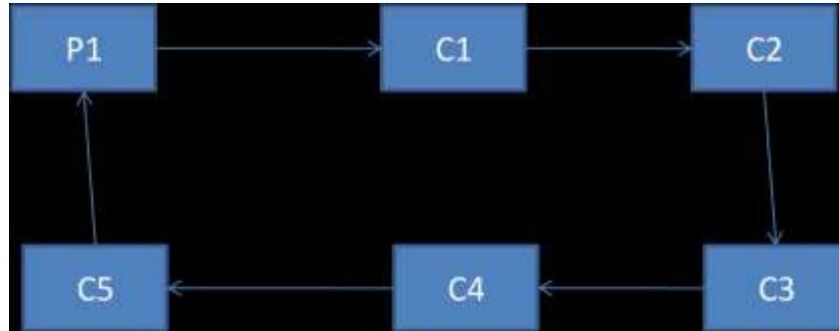
## LAB-2 EXERCISE

Course No.: IS F462

Course Title: Network Programming

Deadline: As per canvas

Maximum Marks: 20M



1. P1 is the parent and it creates 5 children C1...C5. Note that all children are siblings.
2. P1 sets up pipes in way that all children are connected through pipes as shown in the above diagram.
3. P1 writes a paragraph (read from stdin) to C1. C1 reads till EOF and performs an operation. Every child reads until EOF. The operation for each child is
  - a. C1: lower to upper case
  - b. C2: remove first char
  - c. C3: remove last char
  - d. C4: remove first char
  - e. C5: remove last char
4. Every child prints its name and pid, and string output.
5. Final output is printed by parent.

Files Expected: A tar file <idno>\_lab2.tar containing pipes.c and makefile to compile your program.

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