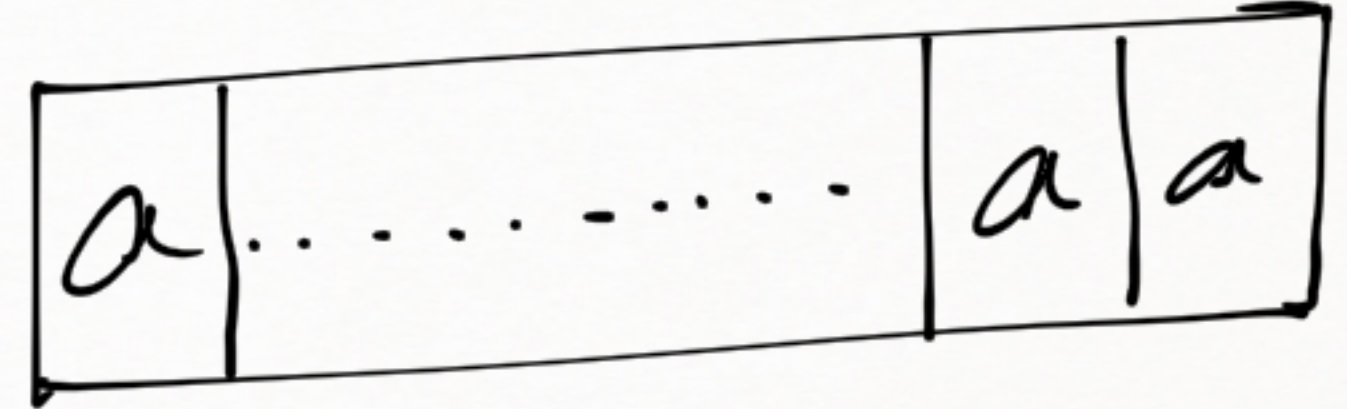


Date: 13-11-21 → WAP To find the size of the pipe

char ch = 'a'; count = 0;

While (write(fd[1], &ch, 1) > 0)
count++;



Ass

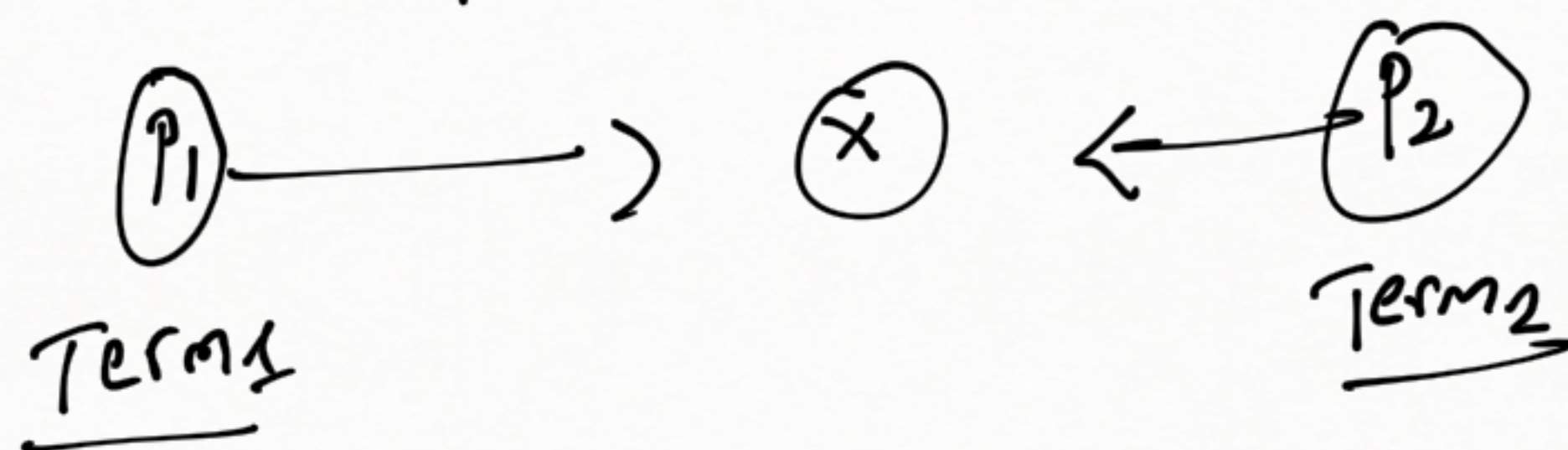
Observations

① close the write end of the pipe and try to observe that what close(fd[1]) read the data from the pipe read returns.

② Closed the read end of the pipe and try to write the data into the pipe observe that what happens to the process (while(1);)

Limitations of the pipe

① pipe useful only for related processes
(parent/child) not possible non related processes communication



② When pipe is created there is no name existing in the file system. (pipe created means in kernel space Temp buff created)

NAMED PIPE (FIFO)

→ When FIFO is created there is a name existing in file system.

→ Using FIFO non-related processes communication is possible