TASK 1:⮳ Create a fifo.  
⮳ Reading/ Writing data from/to a FIFO:Let‟s open two terminals:  
1. In the first terminal write:  
$ cat > fifo2. Open 2nd terminal and write:  
$ cat fifo3. Now keep on writing to the first terminal. You will notice that every time you press  
enter, the corresponding line appears in the second terminal.  
Pressing CTRL+D in the first terminal terminates writing to the fifo. This also terminates the  
second process because reading from the fifo now generates a “BROKEN PIPE” signal. The  
default action for this is to terminate the process.

Task#02

You need to create a chat program between two processes where the first program sends a message as the writer first and the second process would read it and then process 2 will write a message for process 1 and process 1 will read it. It should be in an infinite loop/or you can add a exit condition such as ends on abort or exit.

Task #03

Implement this hierarchy using named pipes

Diagram

Description automatically generated