//p1.c

#include <stdio.h>

#include <stdlib.h>

#include <errno.h>

#include <string.h>

#include <fcntl.h>

#include <sys/types.h>

#include <sys/stat.h>

#include <unistd.h>

int main()

{

    char s1[300],s2[300];

    int num, fd1,fd2,byt;

    //printf("producer");

    mknod("pipe1", S\_IFIFO | 0666, 0);

    mknod("pipe2", S\_IFIFO | 0666, 0);

    printf("fifo 1st side connected,waiting for other process to connect to the 2nd end of fifo pipe...\n");

    fd1 = open("pipe1", O\_WRONLY);

    fd2 = open("pipe2", O\_RDONLY);

    printf("established connection--type some stuff\n");

    gets(s1);

    if ((num = write(fd1, s1, strlen(s1))) == -1)

        perror("write");

    else

    {

        printf("wrote %d bytes to file1\n", num);

        byt=read(fd2, s2, 300);

        s2[byt]='\0';

        printf(" %s\n",s2);

    }

    return 0;

}