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                                   echo server pipe.c
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#include <sys/types.h>
#include <sys/stat.h>
#include <stdlib.h>
#include <fcntl.h>
#include <unistd.h>
#include <stdio.h>
#include <string.h>
#define MAXLINE 1024
int main(int argc, char **argv)
         int rfd, wfd;
        char buf[MAXLINE];
         char str[MAXLINE] = "";
        pid_t pid;
        mkfifo("/tmp/myfifo_r", S_IRUSR|S_IWUSR);
mkfifo("/tmp/myfifo_w", S_IRUSR|S_IWUSR);
        if( (rfd = open("/tmp/myfifo_r", O_RDWR)) == -1)
                 perror("rfd error");
                 return 0;
        if ( (wfd = open("/tmp/myfifo_w", O_RDWR)) == -1)
                 perror ("wfd error");
                 return 0;
         for(int i=0; i<3; i++)
        pid = fork();
        if(pid==0) {
                 memset (buf, 0x00, MAXLINE);
                 if(read(rfd,buf,MAXLINE) < 0)</pre>
                          perror ("Read Error");
                          return 0;
                 printf("Read: %s", buf);
                 strcat(str,buf);
                 printf("str: %s", str);
                 write(wfd, str, MAXLINE);
                 lseek(wfd, 0, SEEK_SET);
         } else{
                  //close(wfd);
                 //close(rfd);
         write (wfd, str, MAXLINE);
        lseek(wfd, 0, SEEK_SET);
        close (wfd);
         close (rfd);
        return 0;
```