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echo\_client\_pipe.c

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```
#include <sys/types.h>
#include <sys/stat.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];
    rfd = open("/tmp/myfifo_w", O_RDWR);
    if(rfd < 0)
    {
        perror("read open error\n");
        return 1;
    }
    wfd = open("/tmp/myfifo_r", O_RDWR);
    if(wfd < 0)
    {
        perror("write open error\n");
        return 1;
    }
    while(1)
    {
        printf("> ");
        fflush(stdout);
        memset(buf, 0x00, MAXLINE);
        if(read(0, buf, MAXLINE) < 0)
        {
            printf("error\n");
            return 1;
        }
        if(strncmp(buf, "quit\n", 5) == 0) break;
        write(wfd, buf, strlen(buf));
        read(rfd, buf, MAXLINE);
        printf("Server -> %s", buf);
    }
    close(wfd);
    close(rfd);
    return 0;
}
```