Program for a named pipe

```c
#include <fcntl.h>
char string[] = "hello";
main (argc, argv) int argc;
char *argv[];
{
    int fd;
    char buf[256];
    /* create named pipe with read/write permission for all users */
    Mknod("fifo", 010777, 0);
    if (argc == 2)
        fd = open("fifo", O_WRONLY);
    else
        fd = open("fifo", O_RDONLY);
    for (;;)
        if (argc == 2)
            write(fd, string, 6);
        else
            read(fd, buf, 6);
}
```

Program for an unnamed pipe

```c
char string[] = "hello";
main()
{
    char buf[1024];
    char *cpl, *cp2;
    int fds[2];
    cpl = string;
    cp2 = buf;
    while (*cpl)
        *cp2++ = *cpl++;
    pipe(fds);
    for (;;)
    {
        write(fds[1], buf, 6);
        read(fds[0], buf, 6);
    }
}