```
#define FIFO_NAME "/tmp/myfifo"
int main(int argc, char *argv[]) /* Oversimplified */
 int fd, i, mode = 0;
 char c;
 if (argc < 2) {}
 for(i = 1; i < argc; i++) {
    if (strncmp(*++argv, "O_RDONLY", 8) == 0) mode |= O_RDONLY;
   if (strncmp(*argv, "O_WRONLY", 8) == 0) mode |= O_WRONLY;
   if (strncmp(*argv, "O_NONBLOCK", 10) == 0) mode |= O_NONBLOCK;
 if (access(FIFO_NAME, F_OK) == -1) mkfifo(FIFO_NAME, 0777);
 printf("Process %d: FIFO(fd %d, mode %d) opened.\n",
         getpid(), fd = open(FIFO_NAME, mode), mode);
 if ( (mode == 0) | (mode == 2048) )
     while (read(fd, &c, 1) == 1) putchar(c);
 if ( (mode == 1) | (mode == 2049) )
     while( (c = getchar()) != EOF ) write(fd,&c,1);
 exit (EXIT_SUCCESS);
```