

Sangeer Kumar Singh  
13M18CS093

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# C program for inter process communication between reader process & writer process.

Writer process

```
#include <stdio.h>
#include <fcntl.h>
#include <sys/stat.h>
#include <unistd.h>
```

```
int main() {
```

```
    int fd;
```

```
    char buff[1024];
```

```
    char * myfifo = "/tmp/myfifo";
    mkfifo(myfifo, 0666);
```

```
    printf("Run reader process to read fifo\n");
```

```
    fd = open(myfifo, O_WRONLY);
```

```
    write(fd, "Hi", sizeof("Hi"));
```

```
    close(fd);
```

```
    unlink(myfifo);
```

```
    return 0;
```

```
}
```

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## Reader Process

```
#include <fcntl.h>
#include <sys/stat.h>
#include <stdio.h>
#include <unistd.h>
```

```
#define MAX_BUF 1024
```

```
int main ( ) {
```

```
    int fd;
```

```
    char * myfifo = "/tmp/myfifo";
    char buf [ MAX_BUF ];
```

```
    fd = open (myfifo, O_RDONLY);
```

```
    read = (fd, buf, MAX_BUF);
```

```
    printf ( "Wrote : %s\n", buf );
```

```
    close (fd);
```

```
    return 0;
```

```
}
```