

- 19) write a C/C++ Program which demonstrate interprocess communication b/w a reader process & a writer process. use mkfifo, open, read, write

write Program

```
#include <stdio.h>
```

```
#include <unistd.h>
```

```
int main()
```

```
{ int fd;
```

```
char buf[1024];
```

```
char *myfifo = "tmp/myfifo";
```

```
mkfifo(myfifo, 0666);
```

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

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

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

```
close(fd);
```

```
unlink(myfifo);
```

```
return 0;
```

```
}
```


Read Program

```
#include <stdio.h>
#include <unistd.h>
#define MAX_BUF 1024
int main()
{
    int fd;
    char *myfile = "tmp/myfile";
    char buf[MAX_BUF];
    fd = open(myfile, O_RDONLY);
    read(fd, buf, MAX_BUF);
    printf("wrote: %s\n", buf);
    close(fd);
    return 0;
}
```