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**19F-0348**

**Final Project**

**Me.c:**

#include<string.h>

#include<stdio.h>

#include<sys/types.h>

#include<sys/stat.h>

#include<fcntl.h>

#include<unistd.h>

int main()

{

int fd;

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

mkfifo(myfifo,0666);

char array1[80];

char array2[80];

while(1)

{

fd = open(myfifo, O\_WRONLY);

fgets(array2,80,stdin);

write(fd,array2,strlen(array2)+1);

close(fd);

fd = open(myfifo, O\_RDONLY);

read(fd,array1,80);

printf("Him: %s\n",array1);

close(fd);

}

return 0;

}

**him.c:**

#include<stdio.h>

#include<string.h>

#include<sys/types.h>

#include<sys/stat.h>

#include<fcntl.h>

#include<unistd.h>

int main()

{

int fd1;

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

mkfifo(myfifo,0666);

char str1[80];

char str2[80];

while(1)

{

fd1 = open(myfifo, O\_RDONLY);

read(fd1,str1,80);

printf("Me : %s\n" ,str1);

close(fd1);

fd1 = open(myfifo, O\_WRONLY);

fgets(str2,80,stdin);

write(fd1,str2,strlen(str2)+1);

close(fd1);

}

return 0;

}

Text

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