**OS ASSIGNMENT 7A**

**Name:Mansi Mokashi**

**Rollno:87**

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#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <unistd.h>

#include <sys/types.h>

#include <sys/stat.h>

#include <fcntl.h>

#define FIFO1 "fifo1"

#define FIFO2 "fifo2"

int main()

{

char buf[100],buf1[100];

int fd,fd1;

printf("\nEnter a string\n");

scanf("%[^\n]",buf);

mkfifo(FIFO1,0666);

fd=open(FIFO1,O\_WRONLY);

write(fd,buf,100);

printf("\nMessage sent");

//unlink(FIFO1);

fd1=open(FIFO2,O\_RDONLY);

read(fd1,buf1,sizeof(buf1)+1);

printf("\nMessage received");

printf("\n%s",buf1);

return 0;

}

Output=

Enter a string

gayatri d kodag.

Message sent

Message received

Characters = 16.

Words = 3.

Lines = 1.