#include<stdio.h>

#include<string.h>

#include<stdlib.h>

#include<unistd.h>

#include<sys/types.h>

int main()

{

char str[100];

printf("enter the string :");

int i=0;

while(i<10){

scanf("%c",&str[i]);

i++;}

int fd[2];

write(fd[1],str,strlen(str));

printf("pid is %d for wiring in pipe - ",getpid());

int y=strlen(str);

printf("\n\n we have Written in pipe :%s\n",str);

for(i=0;i<strlen(str);i++)

{

if((int)str[i]>=65 && (int)str[i]<=90)

{

str[i]=(int)str[i]+32;

}

else if((int)str[i]>=97 && (int)str[i]<=122)

{

str[i]=(int)str[i]-32;

}

}

close(fd[0]);

read(fd[0],str,strlen(str));

printf("\n\npid is %d for reading in pipe ",getpid());

printf("\n\nreading from the file :%s\n",str);

}