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TI71

process1

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

int main()
{
    FILE* fp1;
    int fd;
    char fname[10];
    mkfifo("a", 0666);

    char arr1[80];

    fd = open("a", O_WRONLY);

    int i=0;
    char ch=getchar();
    while(ch != '$')
    {
        arr1[i] =ch;
        i++;
        ch = getchar();
    }
    arr1[i]='$';

    write(fd,arr1,sizeof(arr1));
    close(fd);

    int fd1;
    fd1=open("fifo2",O_RDONLY);
    memset(fname,'\0',sizeof(fname));
    read(fd1,fname,sizeof(fname));

    fp1=fopen(fname,"r");
    memset(arr1,'\0',sizeof(arr1));
    fread(arr1,sizeof(arr1),1,fp1);
    printf("%s",arr1);
    close(fd1);
    fclose(fp1);
}
```

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

int main()
{
    FILE* fp;
    int fd,fd2;
    int word_c=0,line_c=0,char_c=0;
    char arr1[80];

    fd = open("a", O_RDONLY);

    read(fd,arr1,sizeof(arr1));

    printf("%s",arr1);
    close(fd);
    int i=0;
    while(arr1[i] != '$')
    {
        if(arr1[i] == ' ')
        {
            word_c++;
        }
        else if(arr1[i] == '\n')
        {
            line_c++;
            word_c++;
        }
        else
        {
            char_c++;
        }
        i++;
    }

    fp=fopen("s.txt","w");
    fprintf(fp,"Count of Words = %d\n",word_c);
    fprintf(fp,"Count of Line =%d\n",line_c);
    fprintf(fp,"Count of Character =%d\n",char_c);
```

```
    mkfifo("fifo2", 0666);  
    fd2 = open("fifo2", O_WRONLY);  
    write(fd2, "s.txt", 5);  
    close(fd2);  
    fclose(fp);  
}
```