

```
#include <conio.h>
```

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

```
struct SINHVIEN
```

```
{
```

```
    char MASV[15];
```

```
    char TENSX[30];
```

```
    int NAMSINH;
```

```
    float DIEM;
```

```
};
```

```
void DocFile(char TenFile[100], SINHVIEN sv[100], int  
&n)
```

```
{
```

```
    FILE *f;
```

```
    f=fopen(TenFile,"rt");
```

```
    if(f==NULL) return;
```

```
    printf("\n Doc file thanh cong ");
```

```
    fscanf(f,"%d",&n);
```

```
    for(int i=0;i<n;i++)
```

```

{
    fscanf(f, "%s", &sv[i].MASV);
    fscanf(f, "%s", &sv[i].TENSX);
    fscanf(f, "%d", &sv[i].NAMSINH);
    fscanf(f, "%f", &sv[i].DIEM);
}

fclose(f);

}

void XuatMangSinhVien(SINHVIEN sv[100], int n)
{
    printf("\n DANH SACH SINH VIEN BAN VUA NHAP LA ");
    printf("\nSTT\tMASV\tTENSX\tNAMSINH\tDIEM");
    printf("\n-----");
    for(int i=0;i<n;i++)

        printf("\n%d\t%s\t%s\t%d\t%.2f", i+1, sv[i].MASV, sv[i].TENSX, sv[i].NAMSINH, sv[i].DIEM);
    printf("\n-----");
}

```

```
int main()
{
    char TenFile[100];
    SINHVIEN sv[100];
    int n;
    printf("\n Nhap vao file can doc "); gets(TenFile);
    DocFile(TenFile, sv, n);
    XuatMangSinhVien(sv, n);
    printf("\n Nhap vao file can ghi ket qua ");
    gets(TenFile);
    TrungBinhCacPhanTu_KieuSV(TenFile, sv, n);
    getch();
    return 0;
}
```