

```
#include<stdio.h>

#include<conio.h>

#include<string.h>
```

```
struct NHANVIEN
```

```
{

    char MaNV[10];

    char TenNV[25];

    char PhongBan[15];

    int NamSinh;

    float Luong;

};
```

```
void DocFileNhanVien(char TenFile[], NHANVIEN a[],int &n)
```

```
{

    FILE *f;

    f=fopen(TenFile,"rt");

    if(f==NULL)    return; // nghĩa là ko tìm thấy file trên ổ cứng

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

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

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

    {

        fscanf(f,"%s",&a[i].MaNV);

        fscanf(f,"%s",&a[i].TenNV);

        fscanf(f,"%s",&a[i].PhongBan);

        fscanf(f,"%d",&a[i].NamSinh);

    }

}
```

```

        fscanf(f, "%f", &a[i].Luong);

        fflush(stdin);

    }

    fclose(f);
}

void XuatNhanVien(NHANVIEN a[], int n)
{
    printf("\n DANH SACH NHAN VIEN BAN VUA NHAP LA ");
    printf("\nSTT\tMANV\tTENNV\tPHONGBAN\tNAMSINH\tLUONG");
    printf("\n-----");
    for(int i=0;i<n;i++)
        printf("\n%d\t%s\t%s\t%s\t\t%d\t%.0f", i+1, a[i].MaNV, a[i].TenNV, a[i].PhongBan, a[i].NamSinh, a[i].Luong);
    printf("\n-----");
}

void DemNhanVienLuongLonHon_x(NHANVIEN a[], int n, float &x)
{
    int dem=0;

    printf("\n Nhap vao x can kiem tra: "); scanf("%f", &x);

    for(int i=0;i<n;i++)
        if(a[i].Luong>=x) dem++;

    printf("\nSo Nhan Vien Co Luong > %.1f la = %d ", x, dem);
}

void TrungBinhLuong(NHANVIEN a[], int n)

```

```

{

    float tb=0;

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

        tb=tb+a[i].Luong;

    printf("\n\t LUONG TRUNG BINH = %.1f",tb/n);

}

int main()

{

    // Cau 04

    NHANVIEN a[50];

    int n;

    float x;

    char TenFile[50];

    printf("\n Nhap vao file can doc: ");gets(TenFile);

    DocFileNhanVien(TenFile,a,n);

    XuatNhanVien(a,n);

    DemNhanVienLuongLonHon_x(a,n,x);

    TrungBinhLuong(a,n);

    getch();

    return 0;

}

```