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#include<stdio.h>
#include<conio.h>
#include<string.h>
struct MONHOC
{
    char MaMH[20];
    char TenMH[50];
    char Khoa[30];
    int SoTC;
};
void DocFileMonHoc(char TenFile[], MONHOC 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].MaMH);
        fscanf(f,"%s",&a[i].TenMH);
        fscanf(f,"%s",&a[i].Khoa);
        fscanf(f,"%d",&a[i].SoTC);
        fflush(stdin);
    }
    fclose(f);
}
void XuatMonHoc(MONHOC a[], int n)
{
    printf("\n DANH SACH MON HOC BAN VUA NHAP LA ");

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printf("\nSTT\tMAMH\tTENMH\tKHOA\tSOTC");
printf("\n-----");
for(int i=0;i<n;i++)
printf("\n%d\t%s\t%s\t%s\t\t%d",i+1,a[i].MaMH,a[i].TenMH,a[i].Khoa,a[i].SoTC);
printf("\n-----");
}
int main()
{
    MONHOC a[50];
    int n;
    float x;
    char TenFile[50];
    printf("\n Nhap vao file can doc: ");gets(TenFile);
    DocFileMonHoc(TenFile,a,n);
    XuatMonHoc(a,n);
    getch();
    return 0;
}

```