

```

#include <stdio.h>
typedef struct
{
    char name[50];
    char dept[50];
    int height;
    int age;
    float cgpa;
    double marks;
}student;

int main(){
    student stud1[2], stud2[2];
    FILE *fptr;
    int i;
    fptr = fopen("file.txt","w");
    //fptr = fopen("file.txt","wb");
    for(i = 0; i < 2; ++i)
    {
        fflush(stdin);
        printf("Enter name: ");
        gets(stud1[i].name);
        printf("Enter dept: ");
        gets(stud1[i].dept);
        printf("Enter height: ");
        scanf("%d", &stud1[i].height);
        printf("Enter age: ");
        scanf("%d", &stud1[i].age);
        printf("Enter cgpa: ");
        scanf("%f", &stud1[i].cgpa);
        printf("Enter marks: ");
        scanf("%lf", &stud1[i].marks);
        //fprintf(fptr, "%s\t%s\t%d\t%d\t%.2f\t%.2lf\n", stud1[i].name,
stud1[i].dept,
stud1[i].height,stud1[i].age,stud1[i].cgpa,stud1[i].marks);
    }

    fwrite(stud1, sizeof(student), 2, fptr);
    fclose(fp);

    fptr = fopen("file.txt", "r");
    //fptr = fopen("file.txt", "rb");
    fread(stud2, sizeof(student), 2, fptr);
    for(i = 0; i < 2; ++i){

        printf("Name: %s\nDept : %s\nHeight: %d\nAge : %d\nCGPA :
%.2f\nMARKS : %.2lf\n", stud2[i].name, stud2[i].dept,
stud2[i].height,stud2[i].age,stud2[i].cgpa,stud2[i].marks);
    }

    /*for(i = 0; i < 2; ++i)
    { fscanf(fp, "%s%d%d%f%lf", stud2[i].name, stud2[i].dept,
&stud2[i].height,&stud2[i].age,&stud2[i].cgpa,&stud2[i].marks);
        printf("Name: %s\nDept : %s\nHeight: %d\nAge : %d\nCGPA :
%.2f\nMARKS : %.2lf\n", stud2[i].name, stud2[i].dept,
stud2[i].height,stud2[i].age,stud2[i].cgpa,stud2[i].marks);
    }*/
    fclose(fp);
}

```

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}

/*
#include <stdio.h>
typedef struct
{   char name[50];char dept[50];int height;
    int age;float cgpa;double marks;
}student;

int main(){
    student stud1[2], stud2[2];
    FILE *fptr;
    int i;
    fptr = fopen("file.txt","w");
    for(i = 0; i < 2; ++i)
    {   fflush(stdin);
        printf("Enter name: ");
        gets(stud1[i].name);
        printf("Enter dept: ");
        gets(stud1[i].dept);
        printf("Enter height: ");
        scanf("%d", &stud1[i].height);
        printf("Enter age: ");
        scanf("%d", &stud1[i].age);
        printf("Enter cgpa: ");
        scanf("%f", &stud1[i].cgpa);
        printf("Enter marks: ");
        scanf("%lf", &stud1[i].marks); }

    fwrite(stud1, sizeof(student), 2, fptr);
    fclose(fptr);

    fptr = fopen("file.txt", "r");
    fread(stud2, sizeof(student), 2, fptr);

    for(i = 0; i < 2; ++i)
    {
        printf("Name: %s\nDept : %s\nHeight: %d\nAge : %d\nCGPA :
%.2f\nMARKS : %.2lf\n", stud2[i].name, stud2[i].dept,
stud2[i].height,stud2[i].age,stud2[i].cgpa,stud2[i].marks);
    }
    fclose(fptr);
}*/

```