**Write a program to read RollNo, Name, Address, Age & marks in physics, C, math in 1st semester of three students in BCT. Store the records into a file std.txt located at d:\ drive. Display the student details with average marks achieved (use data files record I/O).**

**#include<stdio.h>**

**#include<conio.h>**

**struct student**

**{**

**char name[20];**

**char add[50];**

**int roll;**

**struct marks**

**{**

**float mark[3];**

**}m;**

**};**

**typedef struct student student;**

**int main()**

**{**

**student s;**

**FILE \*std;**

**std=fopen("D:\\std.txt","wb");**

**if(std==NULL)**

**{**

**printf("File not created !!");**

**exit(0);**

**}**

**int i,j;**

**float sum;**

**for(i=0;i<3;i++)**

**{**

**printf("Enter name:\t");**

**scanf(" %[^\n]s",&s.name);**

**printf("Enter address:\t");**

**scanf(" %[^\n]s",&s.add);**

**printf("Enter roll number:\t");**

**scanf("%d",&s.roll);**

**printf("Enter marks in physics:\t");**

**scanf("%f",&s.m.mark[0]);**

**printf("Enter marks in math:\t");**

**scanf("%f",&s.m.mark[1]);**

**printf("Enter marks in C:\t");**

**scanf("%f",&s.m.mark[2]);**

**fwrite(&s,sizeof(s),1,std);**

**printf("\n\n");**

**}**

**fclose(std);**

**std=fopen("D:\\std.txt","rb");**

**if(std==NULL)**

**{**

**printf("No file found !!");**

**exit(1);**

**}**

**printf("\n%-24s %-23s %-24s %-25s\n","Name","Address","Roll","Average");**

**printf("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");**

**for(i=0;i<3;i++)**

**{ sum=0;**

**fread(&s,sizeof(s),1,std);**

**printf("%-25s",s.name);**

**printf("%-25s",s.add);**

**printf("%-25d",s.roll);**

**sum=s.m.mark[0]+s.m.mark[1]+s.m.mark[2];**

**printf("%-25f",sum/3);**

**printf("\n\n");**

**}**

**fclose(std);**

**getch();**

**return 0;**

**}**