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]);
```

```c
        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;
}
```