

**//Write a C program for storing the details of students  
//having fields rollno, name, age and percentage of a  
//student until  
//user presses n or any other character than y.**

```
#include<stdio.h>
int main ( )
{
    char name[50];
    int rollno;
    int age;
    float per;
    char choice;
    FILE *fp;
    fp = fopen ("student123.txt", "w");
    do{
        printf("Enter student name:");
        scanf("%s",&name);
        printf("Enter student roll no:");
        scanf("%d",&rollno);
        printf("Enter student age");
        scanf("%d",&age);
        printf("Enter student percentage:");
        scanf("%f",&per);
        fprintf(fp,"%s\t%d\t%d\t%f",name,rollno,age,per);
        printf("do you want to continue yes or no\n");
        choice=getche();
    }while(choice=='Y' || choice=='y');
    fclose(fp);
    return 0;
}
```

//Write a C program for storing the details of 2 students  
//using structure  
//having fields sno,name,marks,gender  
//into a file and print the same using fread() and fwrite()

```
#include<stdio.h>
struct student{
int sno;
char sname [30];
float marks;
char gender;
};
int main ( )
{
struct student s[60];
int i;
FILE *fp;
fp = fopen ("student1.txt", "w");
for (i=0; i<2; i++){
printf ("enter details of student %d\n", i+1);
printf("student number:");
scanf("%d",&s[i].sno);
printf("student marks:");
scanf("%f",&s[i].marks);
printf("gender:");
fflush(stdin);
scanf("%c",&s[i].gender);
printf("student name:");
fflush(stdin);
gets(s[i].sname);
fwrite(&s[i], sizeof(s[i]),1,fp);
```

```

}
fclose (fp);
fp = fopen ("student1.txt", "r");
for (i=0; i<2; i++){
printf ("details of student %d are\n", i+1);
fread (&s[i], sizeof (s[i]) ,1,fp);
printf("student number = %d\n", s[i]. sno);
printf("student name = %s\n", s[i]. sname);
printf("marks = %f\n", s[i]. marks);
printf("gender = %c\n", s[i].gender);
}
fclose(fp);
return 0;
}

```

//Write a C program for storing the details of n students  
//using structure having fields sno,name,marks,gender  
//into a file and print the same using fread() and fwrite()

```

#include<stdio.h>
struct student{
int sno;
char sname [30];
float marks;
char gender;
};
int main ( )
{
struct student s[60];
int i,n;
FILE *fp;

```

```
fp = fopen ("student1.txt", "w");
printf("How many records do you want to enter");
scanf("%d",&n);
for (i=0; i<n; i++){
printf ("enter details of student %d\n", i+1);
printf("student number:");
scanf("%d",&s[i].sno);
printf("student marks:");
scanf("%f",&s[i].marks);
printf("gender:");
fflush(stdin);
scanf("%c",&s[i].gender);
printf("student name:");
fflush(stdin);
gets(s[i].sname);
fwrite(&s[i], sizeof(s[i]),1,fp);
}
fclose (fp);
fp = fopen ("student1.txt", "r");
for (i=0; i<n; i++){
printf ("details of student %d are\n", i+1);
fread (&s[i], sizeof (s[i]) ,1,fp);
printf("student number = %d\n", s[i]. sno);
printf("student name = %s\n", s[i]. sname);
printf("marks = %f\n", s[i]. marks);
printf("gender = %c\n", s[i].gender);
}
fclose(fp);
return 0;
}
```

//Write a program to enter name, address, and salary of 10 employee and  
//store in a file "record.txt".

```
#include<stdio.h>
int main()
{
char name[20],add[30];
int salary,i;
FILE*fp;
fp=fopen("record.txt","w");
for(i=0;i<10;i++)
{
printf("Input name , address and salary of an employee:\n");
scanf("%s%s%d",name,add,&salary);
fprintf(fp,"%s %s %d",name,add,salary);
}
fclose(fp);
return 0;
}
```

//Write a program to create file "std.txt" and store name, age, roll  
//number of student and display them properly.

```
#include<stdio.h>
int main()
{
char name[20];
int age,rollno,n,i;
FILE*fp;
printf("Input the number of students.");
scanf("%d",&n);
fp=fopen("std.txt","w");
for(i=0;i<n;i++)
{
printf("Input name,age,rollno of a student:");
scanf("%s%d%d",name,&age,&rollno);
fprintf(fp,"\n%s %d %d\n",name,age,rollno);
}
fclose(fp);
fp=fopen("std.txt","r");
while(fscanf(fp,"%s%d%d",name,&age,&rollno)!=EOF){
printf("\n%s %d %d\n",name,age,rollno);
}
return 0;
}
```

```
//WAP to delete a file.
#include<stdio.h>
int main()
{
char file[30],ans;
printf("Enter file to delete: ");
gets(file);
printf("Are you sure for deleting [y/n]?: ");
ans=getchar();
if(ans=='y' || ans=='Y')
{
if (remove(file)==0)
printf("File deleted sucessfully ");
else
printf("Error deleting file! Try again");
}
else
printf("Delete process is Cancelled");
return 0;
}
```

```
//WAP to rename a file.
#include<stdio.h>
int main()
{
char oldname[30],newname[30];
printf("Enter current filename: ");
gets(oldname);
printf("Enter new name for file: ");
gets(newname);
if(rename(oldname,newname)==0)
{
printf("%s has been rename %s.\n", oldname,newname);
}
else
{
printf("An error has occurred renaming %s.\n",oldname);
}
return 0;
}
```