

Teacher login username: teacher

Password: echo

INPUT

```
#include <stdio.h>
#include <stdlib.h>
#include<string.h>
#include<conio.h>
#define MAX 100
int ss=20;
char filepath[]="C:\\Users\\mayur\\Documents\\result.txt";
struct student
{
    char name[20],clas[20];
    int mmarks,pmarks,cmarks,dmarks,roll;
    float avg ;
}s[MAX];

void create()
{ int n,i;
FILE *fp;
fp=fopen(filepath,"w");
printf("\n Enter number of students:");
scanf("%d",&n);
printf("\n-----");
printf("\n \t\t Enter IA 1 Marks Of Students ");
printf("\n-----");
printf("\n*note*\n(marks entered should be less than 21 or will be considered as 0)\n");
for(i=0;i<n;i++)
{printf("\n ENTER CLASS:");
scanf("%s",s[i].clas);

printf("\n ENTER NAME:");
fflush(stdin);
gets(s[i].name);

printf("\n ENTER ROLL NO.:");
scanf("%d",&s[i].roll);

printf("\n ENTER MARKS OF MATHS:");
scanf("%d",&s[i].mmarks);
if(s[i].mmarks>ss)
{
    s[i].mmarks=0;
    printf("\n//error in maths marks/\n");
}
printf("\n ENTER MARKS OF PHYSICS'S:");
scanf("%d",&s[i].pmarks);
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        if(s[i].pmarks>ss)
        {
            s[i].pmarks=0;
            printf("\n//error in physics marks//\n");
        }
        printf("\n ENTER MARKS OF CHEMISTRY:");
        scanf("%d",&s[i].cmarks);
        if(s[i].cmarks>ss)
        {
            s[i].cmarks=0;
            printf("\n//error in chemistry marks//\n");
        }
        printf("\n ENTER MARKS OF DRAWING:");
        scanf("%d",&s[i].dmarks);
        if(s[i].dmarks>ss)
        {
            s[i].dmarks=0;
            printf("\n//error in drawing marks//\n");
        }
        fprintf(fp,"\nNAME    CLASS    ROLL NO.  MATHS    PHYSICS    CHEMISTRY    DRAWING");
        fprintf(fp,"\n");
        fprintf(fp,"%s    %s    %d \t %d    %d    %d    %d \n",s[i].name ,s[i].clas, s[i].roll ,s[i].mmarks,
s[i].pmarks, s[i].cmarks ,s[i].dmarks);

        printf("\ndata saved successfully.");
        printf("\n\n");
    }
    fclose(fp);
}

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void display()
{
    int rol,a,i;
    char line[300];
    FILE *fp;
    fp=fopen(filepath,"r");
    while(!feof(fp))
    {

        fgets(line,300,fp);
        printf("\n%s",line);

    }
    fclose(fp);
}

void append()
{
    int n,i;
    float avg;
    FILE *fp;
    fp=fopen(filepath,"a");
    printf("\n\nEnter number of students:");
}

```

```

scanf("%d",&n);
printf("\n-----");
printf("\n\t\t\t Enter IA 1 Marks Of Students ");
printf("\n-----");
printf("\n*note*\n(marks entered should be less than 21 or will be considered as 0)\n");
for(i=0;i<n;i++)
{
    printf("\n ENTER CLASS:");
    scanf("%s",s[i].clas);

    printf("\n ENTER NAME:");
    fflush(stdin);
    scanf("%[^\n]s",s[i].name);

    printf("\n ENTER ROLL NO.:");
    scanf("%d",&s[i].roll);

    printf("\n ENTER MARKS OF MATHS:");
    scanf("%d",&s[i].mmarks);
    if(s[i].mmarks>20)
    {
        s[i].mmarks=0;
        printf("\n/error in maths marks\n");
    }
    printf("\n ENTER MARKS OF PHYSICS'S:");
    scanf("%d",&s[i].pmarks);
    if(s[i].pmarks>20)
    {
        s[i].pmarks=0;
        printf("\n/error in physics marks\n");
    }
    printf("\n ENTER MARKS OF CHEMISTRY:");
    scanf("%d",&s[i].cmarks);
    if(s[i].cmarks>20)
    {
        s[i].cmarks=0;
        printf("\n/error in chemistry marks\n");
    }
    printf("\n ENTER MARKS OF DRAWING:");
    scanf("%d",&s[i].dmarks);
    if(s[i].dmarks>20)
    {
        s[i].dmarks=0;
        printf("\n/error in drawing marks\n");
    }
    fprintf(fp,"\nNAME\t\t\t CLASS\t\t\t ROLL NO.\t\t\t MATHS\t\t\t PHYSICS\t\t\t CHEMISTRY\t\t\t DRAWING");
    fprintf(fp,"\n");
    fprintf(fp,"%s\t\t\t %s\t\t\t %d\t\t\t %d\t\t\t %d\t\t\t %d\n",s[i].name,s[i].clas,s[i].roll,s[i].mmarks,
s[i].pmarks,s[i].cmarks,s[i].dmarks);

    printf("\ndata saved successfully");
    printf("\n\n");
}

```

```

    }
fclose(fp);
}

void search()
{
    FILE *fp;
    char w[MAX],line[300],nam[MAX];
    fp=fopen(filepath,"r");
    int rol,a,i;
    printf("\n_____");
    printf("\n\t\t\t RESULT");
    printf("\n_____");
    printf("\nEnter NAME:");
    fflush(stdin);
    gets(nam);
    printf("\n");
    if(strstr(s[MAX].name,nam)==0){
        while(!feof(fp)){

fgets(line,300,fp);
printf("\n%s",line);
printf("\n");
}}
else
{
    printf("\nRECORD NOT FOUND");
}

fclose(fp);
}

int main()
{
    int a,c,ch,login,lock;
    char pass[]="echo",pas[20],user[20],use[]="teacher";
    do
    {
        printf("\n_____");
        printf("\n\t\t\t VESIT EXAM RESULT PORTAL ");
        printf("\n_____");
        printf("\n\n***** HOME *****\n");
        printf("\n1 TEACHER LOGIN");
        printf("\n2 STUDENT LOGIN");
        printf("\n3 EXIT");
        printf("\n\nEnter Login:");
        scanf("%d",&c);
        switch(c)
        {
            case 1:
                printf("\n_____");
                printf("\n\t\t\t TEACHERS LOGIN");

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printf("\n_____");
printf("\nENTER USERNAME:"); //username is teacher//
scanf("%s",user);
printf("\nENTER PASSWORD:"); //password is echo//
scanf("%s",pas);
login=strcmp(pass,pas);
lock=strcmp(use,user);
if(login==0&&lock==0)
{do{
printf("\n****RESULT FILE****\n");
printf("\n 1. CREATE");
printf("\n 2. DISPLAY");
printf("\n 3. APPEND");
printf("\n 4. LOGOUT");
printf("\n\n  Enter choice:");
scanf("%d",&ch);
switch(ch)
{
case 1:
create();
break;

case 2:
display();
break;

case 3:
display();
append();
break;

case 4:
printf("\nLogout from teacher Portal\n");
break;

default:
printf("\nPlease Enter Between 1 to 4 only");
} }while(ch!=4); }
else
{ if(lock==0){
printf("\n \t PASSWORD INVALID!");}
if(login==0){
printf("\n \t INVALID USERNAME!");
}
if(lock!=0&&login!=0){
printf("\n\t INVALID USERNAME AND PASSWORD!!");
}
printf("\n\n\tTRY LATER\n\n");
}
break ;

case 2:

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        search();
        break;
case 3:
break;
default:
    printf("\nEnter from 1 to 3 only\n");
}
}while(c!=3);
return 0;
}
```

OUTPUT:

```

UESIT EXAM RESULT PORTAL

***** HOME *****
1 TEACHER LOGIN
2 STUDENT LOGIN
3 EXIT
Enter Login:1

TEACHERS LOGIN

ENTER USERNAME:teacher
ENTER PASSWORD:echo
****RESULT FILE****

1. CREATE
2. DISPLAY
3. APPEND
4. LOGOUT

Enter choice:
```

****RESULT FILE****

1. CREATE
2. DISPLAY
3. APPEND
4. LOGOUT

Enter choice:1

Enter number of students:1

Enter IA 1 Marks Of Students

note

(marks entered should be less than 21 or will be considered as 0)

ENTER CLASS:XA

ENTER NAME:mayur

ENTER ROLL NO.:43

ENTER MARKS OF MATHS:50

//error in maths marks//

ENTER MARKS OF PHYSICS'S:20

ENTER MARKS OF CHEMISTRY:15

ENTER MARKS OF DRAWING:10

data saved successfully.

****RESULT FILE****

1. CREATE
2. DISPLAY
3. APPEND
4. LOGOUT

Enter choice:2

NAME	CLASS	ROLL NO.	MATHS	PHYSICS	CHEMISTRY	DRAWING
mayur	XA	43	0	20	15	10
mayur	XA	43	0	20	15	10

****RESULT FILE****

*****RESULT FILE*****

1. CREATE
2. DISPLAY
3. APPEND
4. LOGOUT

Enter choice:4

Logout from teacher Portal

UESIT EXAM RESULT PORTAL

***** HOME *****

- 1 TEACHER LOGIN
- 2 STUDENT LOGIN
- 3 EXIT

Enter Login:3

Process returned 0 (0x0) execution time : 219.452 s
Press any key to continue.