#include<stdio.h>

#include<stdlib.h>

#include<string.h>

int Admin();

int Adminpassword();

int Teacher();

int Teachersprofile();

int Student();

int Studentsprofile();

struct stu

{

int id;

char username[100];

char password[100];

char name[100];

int marks;

int attendence;

}Stud;

struct tec

{

char username[100];

char password[100];

char name[100];

char dept[100];

char designation[100];

}Tec;

struct adm

{

char username[100];

char password[100];

}Adm;

FILE \*fstudent;

FILE \*fteacher;

FILE \*fadmin;

int main()

{

int adm,tec,stu,choose;

printf("Enter 1 for Admin\nEnter 2 for Teacher\nEnter 3 for Student\n");

scanf("%d",&choose);

if(choose==1)

{

adm=Admin();

}

else if(choose==2)

{

tec=Student();

}

else if(choose==3)

{

stu=Studentsprofile();

}

else

{

printf("Please try again\n");

return main();

}

return 0;

}

int Student()

{

int i,n;

printf("Enter the number of students u want to add\n");

scanf("%d",&n);

fstudent=(fopen("Student info.txt","a"));

for(i=1;i<=n;i++)

{

printf("Enter username,password,id,name,marks & attendence\n");

scanf("%s%s%d%s%d%d",&Stud.username,&Stud.password,&Stud.id,&Stud.name,&Stud.marks,&Stud.attendence);

fprintf(fstudent,"%s\n%s\n%d\n%s\n%d\n%d\n",Stud.username,Stud.password,Stud.id,Stud.name,Stud.marks,Stud.attendence);

}

fclose(fstudent);

}

int Studentsprofile()

{

char password[100];

char username[100];

fstudent=(fopen("Student info.txt","r"));

scanf("%s",&username);

scanf("%s",&password);

while(!feof(fstudent))

{

fgets(Stud.username,100,fstudent);

fgets(Stud.password,100,fstudent);

if((strcmp(Stud.username,username)) && (strcmp(Stud.password,password)))

{

fgets(Stud.id,100,fstudent);

fgets(Stud.marks,100,fstudent);

printf("%d%d",Stud.id,Stud.marks);

}

}

fclose(fstudent);

}

int Teacher()

{

int i,n;

printf("Enter the number of teacher u want to add\n");

scanf("%d",&n);

fteacher=(fopen("Teacher info.txt","a"));

for(i=1;i<=n;i++)

{

printf("Enter Username,Password,Name,Dept,Designation\n");

scanf("%s%s%s%s%s",Tec.username,Tec.password,Tec.name,Tec.dept,Tec.designation);

fprintf(fteacher,"%s\n%s\n%s\n%s\n%s\n",Tec.username,Tec.password,Tec.name,Tec.dept,Tec.designation);

}

fclose(fteacher);

}

int Teachersprofile()

{

}

int Admin()

{

return Adminpassword();

}

int Adminpassword()

{

printf("Enter username & password\n");

fadmin=fopen("admin info.txt","w");

scanf("%s%s",Adm.username,Adm.password);

fprintf(fadmin,"%s\n%s\n",Adm.username,Adm.password);

fclose(fadmin);

}