#include<fstream.h>

#include<graphics.h>

#include<string.h>

#include<iostream.h>

#include<conio.h>

#include<dos.h>

#include<iomanip.h>

#include<process.h>

struct roll

{

char na[20],des[20];

int co;

float sal,tax,hra,gr,da,np;

}oll;

fstream pay;

char c;

int l;

char choice;

void dev()

{

clrscr();

for(int x=50;x>=20;x--)

{

textcolor(WHITE+LIGHTGRAY);

delay(160);

gotoxy(x,12);

cputs(" P R O J E C T ");

gotoxy(x,14);

cputs(" D E V E L O P E D B Y : ");

gotoxy(x,16);

cputs("Navi Arora");

}

gotoxy(x,24);

cputs("PRESS ANY KEY TO CONTINUE");

getch();

}

void main()

{

clrscr();

dev();

int gdriver=DETECT,gmode,errorcode;

initgraph(&gdriver,&gmode,"c:\\turboc3\\bgi");

errorcode=graphresult();

if(errorcode!=grOk)

{

cout<<grapherrormsg(errorcode)<<"\n";

getch();

}

settextstyle(1,0,7);

outtextxy(75,1," W E L C O M E ");

outtextxy(275,150,"T O ");

outtextxy(65,300," P A Y R O L L M A N A G E M E N T S O F T W A R E ");

outtextxy(9,400,"Press any key to continue ");

getch();

cleardevice();

do

{

cleardevice();

textcolor(RED);

settextstyle(TRIPLEX\_FONT,HORIZ\_DIR,3);

outtextxy(250,100,"\n\*MENU\*");

outtextxy(250,150,"\n\*\*\*\*\*\*\*\*\*\*\*\*");

outtextxy(150,200,"\n 1.REPORT ");

outtextxy(150,250,"\n 2.PAY SLIP ");

outtextxy(150,300,"\n 3.ADD ");

outtextxy(150,350,"\n 4.EXIT ");

outtextxy(150,400,"\n ENTER YOUR CHOICE(1,2,3,4):");

gotoxy(74,25);

choice=getch();

cleardevice();

switch(choice)

{ case'1':

cleardevice();

rectangle(0,0,600,450);

line(0,50,600,50);

line(0,90,600,90);

gotoxy(30,3);

cout<<" EMPLOYEE DETAILS ";

gotoxy(3,5);

cout<<"CODE";

gotoxy(10,5);

cout<<"NAME";

gotoxy(20,5);

cout<<"POST";

gotoxy(30,5);

cout<<"BASIC";

gotoxy(40,5);

cout<<"GROSS PAY";

gotoxy(52,5);

cout<<"DEDUCTION";

gotoxy(67,5);

cout<<"NETPAY";

line(50,90,50,450);

line(140,90,140,450);

line(220,90,220,450);

line(290,90,290,450);

line(390,90,390,450);

line(490,90,490,450);

int k=7;

pay.open("oll.dat",ios::in);

if(!pay)

{

cout<<"\n\nFile Not Found...\nProgram Terminated!";

exit(0);

}

pay.seekg(0);

while(!pay.eof())

{

pay.read((char\*)&oll,sizeof(oll));

if(!pay.eof())

{

gotoxy(3,k);

cout<<oll.co;

gotoxy(10,k);

cout<<oll.na;

gotoxy(20,k);

cout<<oll.des;

gotoxy(30,k);

cout<<oll.sal;

gotoxy(42,k);

cout<<oll.gr;

gotoxy(52,k);

cout<<oll.tax;

gotoxy(67,k);

cout<<oll.np;

k=k+1;

}

}

getch();

pay.close();

cleardevice();

break;

case'2':

cleardevice();

int eno,flag=0;

cout<<"\n Enter employee number to be searched :";

cin>>eno;

pay.open("oll.dat",ios::in);

if(!pay)

{

cout<<"\n\nFile Not Found...\nProgram Terminated!";

exit(0);

}

pay.seekg(0);

while(!pay.eof())

{

pay.read((char\*)&oll,sizeof(oll));

if(!pay.eof())

{

if(oll.co==eno)

{

cout<<"\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout<<"\n SUSHMA ENTERPRISES ";

cout<<"\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

cout<<"\nEMPLOYEE CODE :"<<oll.co;

cout<<"\nNAME OF EMPLOYEE :"<<oll.na;

cout<<"\nEMPLOYEE DESIGNATION :"<<oll.des;

cout<<"\nBASIC SALARY :"<< oll.sal;

cout<<"\nDEARNESS ALLOWANCE :"<<oll.da;

cout<<"\nHOUSE RENT ALLOWANCE :"<<oll.hra;

cout<<"\nGROSS PAY :"<<oll.gr;

cout<<"\nTAX :"<<oll.tax;

cout<<"\nNET PAY :"<<oll.np;

cout<<"\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

flag=1;

getch();

break;

}

}

}

if(flag==0)

{

cleardevice();

cout<<"\n\n\n\n\n\n\t\t\tNo such employee";

getch();

}

cleardevice();

pay.close();

break;

case'3':

char ch;

pay.open("oll.dat",ios::in|ios::out|ios::app);//ios::ate|ios::app);

if(!pay)

{

cout<<"\n\nFile Not Found...\nProgram Terminated!";

exit(0);

}

do

{

cleardevice();

cout<<"\n NAME:";

cin>>oll.na;

cout<<"\n EMPLOYEE CODE";

cin>>oll.co;

cout<<"\n EMPLOYEE DESIGNATION:";

int ch;

cout<<"\n1.SUBSTAFF";

cout<<"\n2.CLERK";

cout<<"\n3.MANAGER";

cout<<"\n ENTER YOUR CHOICE:(1/2/3)";

cin>>ch;

switch(ch)

{

case 1:

oll.sal=1000;

oll.hra=100;

oll.da=oll.sal\*1.10;

oll.tax=2\*(oll.sal)/100.0;

strcpy(oll.des,"SUBSTAFF");

break;

case 2:

oll.sal=2000;

oll.hra=200;

oll.da=200;

oll.tax=10\*(oll.sal)/100.0;

strcpy(oll.des,"CLERK");

break;

case 3:

oll.sal=14000;

oll.hra=400;

oll.da=400;

oll.tax=20\*(oll.sal)/100.0;

strcpy(oll.des,"MANAGER");

break;

default:cout<<"\n INPUT IS INVALID";

break;

}

oll.gr=oll.sal+oll.hra+oll.da;

oll.np=oll.gr-oll.tax;

pay.write((char\*)&oll,sizeof(oll));

cout<<"\n TO CONTINUE ADDING DATA(Y/N):";

cin>>c;

}while((c=='Y')||(c=='y'));

pay.close();

break;

case'4':

exit(0);

}

}

while(choice!=4);

closegraph();

}