#include"graphics.h" #include #include #include #include #include #include #include #include #include void proj\_name(void); void created(void); class consumer { public: long unsigned int tel\_no; long unsigned int con\_no; char name[60]; char add[300]; char city[40]; long unsigned int op\_rdg; long unsigned int cl\_rdg; long unsigned int met\_calls; long unsigned int free\_calls; long unsigned int charge\_calls; float met\_charge; float rent; float debits; float tax; float credits; float gross\_amt; float surcharge; long unsigned int net\_amt\_bef; long unsigned int net\_amt\_aft; public: void get\_data(void); void show\_data(void); };   void consumer::get\_data(void) { setfillstyle(1,BLACK); bar(0,0,680,480); consumer g1; int a; char ch; setlinestyle(0,0,3); setcolor(BROWN); settextstyle(1,0,5); outtextxy(90,20,"ENTER THE RECORD:-"); setfillstyle(1,BLACK); bar(50,100,550,400); rectangle(50,100,550,400); gotoxy(10,10); cout< <"TELEPHONE NO. :"; cout<<<"name="" :";="" cin.getline(name,60);="" gotoxy(10,14);="" cout<<"address="" cin.getline(add,300);="" gotoxy(10,16);="" cout<<"city="" cin.getline(city,40);="" gotoxy(10,18);="" cout<<"opening="" reading="" cin="">>op\_rdg; gotoxy(10,20); cout< <"CLOSING READING :"; cin>>cl\_rdg; met\_calls=cl\_rdg-op\_rdg; free\_calls=150; rent=360; if(met\_calls<<"debits="" :";="" cin="">>debits; tax=(rent+met\_charge+debits)/20; gross\_amt=(met\_charge+rent+tax+debits); gotoxy(10,24); cout< <"CREDITS :"; cin>>credits; if(credits>gross\_amt) net\_amt\_bef=0; else net\_amt\_bef=gross\_amt-credits; if(credits>=gross\_amt) surcharge=0; else surcharge=20; net\_amt\_aft=net\_amt\_bef+surcharge; }   void consumer::show\_data(void) { bar(0,0,660,480); setcolor(RED); settextstyle(8,0,3); outtextxy(55,10,"BHARAT SANCHAR NIGAM LIMITED"); setlinestyle(1,0,3); line(51,40,486,40); gotoxy(10,5); settextstyle(3,0,1); setcolor(BROWN); outtextxy(15,55,"TELEPHONE NO."); outtextxy(330,55,"CONSUMER NO."); outtextxy(15,170,"OPENING READING "); outtextxy(15,205,"CLOSING READING "); outtextxy(15,235,"METERED CALLS "); outtextxy(15,268,"FREE CALLS "); outtextxy(15,300,"CHARGABLE CALLS "); setcolor(BROWN); outtextxy(330,170,"METERED CALLS "); outtextxy(330,205,"DEBITS "); outtextxy(330,235,"TAXES "); outtextxy(330,268,"GROSS AMOUNT "); outtextxy(330,300,"CREDITS "); outtextxy(330,140,"RENTAL "); setcolor(MAGENTA); outtextxy(15,327,"AMOUNT PAYABLE IF PAID ON OR BEFORE "); setcolor(BROWN); outtextxy(15,350,"SURCHARGE "); setcolor(MAGENTA); outtextxy(15,377,"AMOUNT PAYABLE IF PAID ON OR AFTER "); setcolor(RED); setlinestyle(0,0,3); bar(70,90,320,160); rectangle(70,90,320,160); gotoxy(20,5); cout< <<<name<<"\n";="" gotoxy(12,8);="" cout<<add<<"\n";="" gotoxy(12,9);="" cout<<<setw(20)<<<<<setw(15)<<<setw(15)<<<setw(15)<<<setw(15)<<<setw(15)<<<setw(15)<<<setw(15)<<<setw(15)<<<setw(15)<<<setw(5)<<<setw(15)<<<setw(5)<<<"city="" cin.getline(city,20);="" gotoxy(10,18);="" cout<<"opening="" reading="" cin="">>op\_rdg; gotoxy(10,20); cout< <"CLOSING READING :"; cin>>cl\_rdg; met\_calls=cl\_rdg-op\_rdg; free\_calls=150; rent=360; if(met\_calls<<"debits="" :";="" cin="">>debits; tax=(rent+met\_charge+debits)/20; gross\_amt=(met\_charge+rent+tax+debits); gotoxy(10,24); cout< <"CREDITS :"; cin>>credits; if(credits>gross\_amt) net\_amt\_bef=0; else net\_amt\_bef=gross\_amt-credits; if(credits>=gross\_amt) surcharge=0; else surcharge=20; net\_amt\_aft=net\_amt\_bef+surcharge; g1.con\_no=g1.con\_no; strcpy(g1.name,name); strcpy(g1.add,add); strcpy(g1.city,city); g1.op\_rdg=op\_rdg; g1.cl\_rdg=cl\_rdg; g1.met\_calls=met\_calls; g1.free\_calls=free\_calls; g1.charge\_calls=charge\_calls; g1.met\_charge=met\_charge; g1.rent=rent; g1.debits=debits; g1.tax=tax; g1.credits=credits; g1.gross\_amt=gross\_amt; g1.surcharge=surcharge; g1.net\_amt\_bef=net\_amt\_bef; g1.net\_amt\_aft=net\_amt\_aft; fin.write((char\*)&g1,sizeof(g1)); goto kk; } }while(fin);   kk:setfillstyle(1,LIGHTMAGENTA); bar(0,0,679,679); setfillstyle(1,LIGHTCYAN); bar(35,200,550,250); setcolor(BLUE); settextstyle(1,0,3); outtextxy(80,220,"RECORD OF THIS PERSON IS MODIFIED"); delay(4000); setfillstyle(1,0); goto u; }   //FOR EXIT else { exit(0); }   u:fin.close(); bar(0,0,680,480); goto i;   y:setfillstyle(1,LIGHTMAGENTA); bar(0,0,679,679); settextstyle(TRIPLEX\_FONT,0,3); setfillstyle(1,LIGHTCYAN); bar(150,200,490,245); setcolor(BLUE); outtextxy(210,220,"RECORD NOT FOUND"); setfillstyle(1,0); fin.close(); delay(2000); goto u; }   void proj\_name(void) { fflush(stdin); int midx,midy; midx=getmaxx()/2; midy=getmaxy()/2; int i,j; setcolor(RED); setlinestyle(1,0,3); setfillstyle(1,CYAN); bar(2,1,660,660); rectangle(2,1,660,660); setcolor(RED); setfillstyle(1,WHITE); bar(25,75,575,425); rectangle(25,75,575,425); setfillstyle(1,CYAN); bar(50,100,550,400); rectangle(50,100,550,400); setcolor(RED); setfillstyle(1,WHITE); bar(75,125,525,375); rectangle(75,125,525,375); setcolor(RED); setfillstyle(1,CYAN); bar(100,150,500,350); rectangle(100,150,500,350); setcolor(RED); settextstyle(0,0,1); settextstyle(1,0,6); settextjustify(CENTER\_TEXT,CENTER\_TEXT); for(i=170;i< =172;i++) { sleep(1); outtextxy(291,i, "TELEPHONE"); outtextxy(301,i+70, " BILLING "); outtextxy(331,i+140,"SYSTEM "); } }   void created(void) { fflush(stdin); setfillstyle(1,LIGHTCYAN); rectangle(2,1,660,660); bar(2,1,660,660); setcolor(RED); setlinestyle(1,0,3); settextstyle(1,0,8); settextjustify(LEFT\_TEXT,TOP\_TEXT); line(10,110,380,110); outtextxy(10,20,"C"); settextstyle(4,0,8); outtextxy(47,20,"reated By:-"); settextstyle(1,0,6); settextjustify(LEFT\_TEXT,CENTER\_TEXT);   outtextxy(275,250,"MOHIT & ROHIT");   sleep(1); sleep(1); clrscr(); }