#include<stdio.h>

#include<string.h>

#include<fstream.h>

#include<ctype.h>

#include<conio.h>

#include<process.h>

void products\_enter();

void members\_enter();

void readp();

void readm();

void billing();

void sales();

void modifyp();

void modifym();

void instructions();

class welcomescreen

{private:

int e;

public:

void wscreen();}wsc;

void welcomescreen::wscreen()

{for (int z=1;z<=80;z++)

{gotoxy(z,4);

cout<<"\*";

}

gotoxy(36,5);

cout<<"WELCOME";

for (z=1;z<=80;z++)

{gotoxy(z,6);

cout<<"\*";

}

gotoxy(33,10);

cout<<"COMPUTERISED";

gotoxy(32,11); cout<<"\*\*\*\*\*\*\*\*\*\*\*\*\*\*";

gotoxy(36,13);

cout<<"BILLING";

gotoxy(35,14); cout<<"\*\*\*\*\*\*\*\*\*";

gotoxy(36,16);

cout<<"SYSTEM";

gotoxy(35,17); cout<<"\*\*\*\*\*\*\*\*";

gotoxy(24,20);

cout<<"Press 1 to go to MAIN MENU......\n";

gotoxy(24,21); cout<<"Press any key to EXIT..........."; cin>>e;

if(e!=1)

exit(0);

clrscr(); }

class products\_record

{public:

float rate;

int stock;

int no;

char name[20];

};

products\_record ob1,ob2;

fstream pro1,pro2;

class members\_record

{public:

int no;

char name[20];

char add[50];

long int tel;

long int card;

float amt ;

};

members\_record m1,m2;

fstream mem1,mem2;

class tables

{public:

int no;

int qty;

char name[20];

float rate;

float total;

};

tables n1,n2;

int i=0;

float discount=0.0;

void main()

{clrscr();

wsc.wscreen();

remove("sale.dat");

int n;

char l='y';

do

{clrscr();

gotoxy(30,5);

cout<<"MAIN MENU";

for (int z=29;z<=40;z++)

{gotoxy(z,6);

cout<<"-";

}

gotoxy(20,7);

cout<<"1:ADD NEW PRODUCTS";

gotoxy(20,8);

cout<<"2:ADD NEW MEMBERS";

gotoxy(20,9);

cout<<"3:VIEW AN EXISTING PRODUCT RECORD ";

gotoxy(20,10);

cout<<"4:VIEW AN EXISTING MEMBER'S RECORD ";

gotoxy(20,11);

cout<<"5:BILLING ";

gotoxy(20,12);

cout<<"6:TODAY'S SALES ";

gotoxy(20,13);

cout<<"7:MODIFY PRODUCT RECORD ";

gotoxy(20,14);

cout<<"8:MODIFY MEMBER'S RECORD ";

gotoxy(20,15);

cout<<"9:INSTRUCTIONS ";

gotoxy(20,16);

cout<<"0:EXIT";

gotoxy(20,19);

cout<<"Enter your choice:";

cin>>n;

switch(n)

{case 1: products\_enter();

break;

case 2: members\_enter();

break;

case 3: readp();

break;

case 4: readm();

break;

case 5: billing();

break;

case 6: sales();

break;

case 7: modifyp();

break;

case 8: modifym();

break;

case 9: instructions();

break;

case 0: l='n';

}

} while (l=='y');

clrscr();

}

void products\_enter()

{ int q=0;

char l='y';

pro1.open("products.dat",ios::in);

pro1.seekg(0,ios::end);

q=pro1.tellg()/sizeof(products\_record);

q+=1255;

pro1.close();

pro1.open("products.dat" ,ios::app);

do

{clrscr();

gotoxy(28,2);

cout<<"ENTERING PRODUCT RECORDS ";

gotoxy(15,6);

cout<<"Name :";

gets(ob1.name);

if (!ob1.name[0])

return;

gotoxy(15,7);

cout<<"Stock :";

cin>>ob1.stock;

gotoxy(15,8);

cout<<"Rate (Rs.):";

cin>>ob1.rate;

ob1.no = q++;

gotoxy(15,9);

cout<<"Number :";

cout<<ob1.no;

pro1.write((char\*)&ob1,sizeof(products\_record));

gotoxy(10,15);

cout<<"Do you want to enter more (Y/N) ";

cin>>l;

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

pro1.close();

}

products\_record products\_search(int no)

{fstream pro1;

pro1.open("products.dat" ,ios::in||ios::nocreate);

while(pro1)

{pro1.read((char\*)&ob1,sizeof(products\_record));

if (ob1.no==no)

return ob1;

}

pro1.close();

ob1.no=0;

return ob1;

}

void products\_modify(int no)

{ob2.no=0;

pro1.open("products.dat",ios::in);

pro2.open("product1.dat",ios::app);

pro1.seekg(0,ios::beg);

pro1.read((char\*)&ob1,sizeof(products\_record));

while (!pro1.eof() )

{if (ob1.no!=no )

pro2.write((char\*)&ob1,sizeof(products\_record));

else

ob2=ob1;

pro1.read((char\*)&ob1,sizeof(products\_record));

}

if (ob2.no)

{gotoxy(13,7);

cout<<"CURRENT RECORDS ARE ";

gotoxy(15,8);

cout<<"NAME :";

puts(ob2.name);

gotoxy(15,9);

cout<<"RATE :(Rs.)";

cout<<ob2.rate;

gotoxy(15,10);

cout<<"STOCK :";

cout<<ob2.stock;

gotoxy(13,12);

cout<<"ENTER NEW PRODUCT RECORDS";

gotoxy(15,13);

cout<<"NAME :";

ob1.no=ob2.no;

gets(ob1.name);

if (!isalnum(ob1.name[0]))

strcpy(ob1.name,ob2.name);

gotoxy(15,14);

cout<<"RATE :(Rs.)";

cin>>ob1.rate;

if (!ob1.rate)

ob1.rate=ob2.rate;

gotoxy(15,15);

cout<<"STOCK :";

cin>>ob1.stock;

if (!ob1.stock)

ob1.stock=ob2.stock;

pro2.write((char\*)&ob1,sizeof(products\_record));

}

else

{gotoxy(20,9);

cout<<"NO ENTRY\a";

}

pro1.close();

pro2.close();

remove ("products.dat");

rename ("product1.dat","products.dat");

}

void members\_enter()

{int m;

char l='y';

mem1.open("members.dat",ios::in);

mem1.seekg(0,ios::end);

m=mem1.tellg()/sizeof(members\_record);

mem1.close();

m+=10;

clrscr();

mem1.open("members.dat",ios::app);

do

{clrscr();

gotoxy(28,2);

cout<<"ENTERING MEMBER RECORDS ";

gotoxy(15,6);

cout<<"Name :";

gets(m1.name);

if (!m1.name[0])

return;

gotoxy(15,7);

cout<<"Card number :";

cin>>m1.card;

gotoxy(15,8);

cout<<"Address :";

gets(m1.add);

gotoxy(15,9);

cout<<"Tel. :";

cin>>m1.tel;

gotoxy(15,10);

cout<<"Amount Deposited (Rs.):";

cin>>m1.amt;

if (m1.amt<=100)

{gotoxy(15,11);

cout<<"Amount less\a";

gotoxy(15,12);

cout<<"Try Again";

goto end;

}

m1.no = m++;

gotoxy(15,11);

cout<<"Membership number :";

cout<<m1.no;

mem1.write((char\*)&m1,sizeof(members\_record));

end:

gotoxy(10,15);

cout<<"Do you want to enter more (Y/N) ";

cin>>l;

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

mem1.close();

}

members\_record members\_search(int no)

{fstream mem2;

mem2.open("members.dat",ios::in);

while (mem2)

{mem2.read((char\*)&m1,sizeof(members\_record));

if (m1.no==no)

return m1;

}

mem2.close();

m1.no=0;

return m1;

}

void members\_modify(int no)

{m2.no=0;

mem1.open("members.dat",ios::in);

mem2.open("member1.dat",ios::app);

mem1.seekg(0,ios::beg);

mem1.read((char\*)&m1,sizeof(members\_record));

while (!mem1.eof())

{if (m1.no!=no)

mem2.write((char\*)&m1,sizeof(members\_record));

else

m2=m1;

mem1.read((char\*)&m1,sizeof(members\_record));

}

if (m2.no)

{gotoxy(13,7);

cout<<"CURRENT RECORDS ARE ";

gotoxy(15,8);

cout<<"NAME :";

puts(m2.name);

gotoxy(15,9);

cout<<"CARD NUMBER :";

cout<<m2.card;

gotoxy(15,10);

cout<<"ADDRESS :";

puts(m2.add);

gotoxy(15,11);

cout<<"TELEPHONE :";

cout<<m2.tel;

gotoxy(15,12);

cout<<"AMOUNT :(Rs.)";

cout<<m2.amt;

gotoxy(13,14);

cout<<"ENTER NEW RECORDS";

gotoxy(15,15);

cout<<"NAME :";

m1.no=m2.no;

gets(m1.name);

if (!m1.name[0])

strcpy(m1.name,m2.name);

gotoxy(15,16);

cout<<"ADDRESS :";

gets(m1.add);

if (!m1.add[0])

strcpy(m1.add,m2.add);

gotoxy(15,17);

cout<<"CARD NUMBER :";

cin>>m1.card;

if (!m1.card)

m1.card=m2.card;

gotoxy(15,18);

cout<<"TELEPHONE :";

cin>>m1.tel;

if (!m1.tel)

m1.tel=m2.tel;

gotoxy(15,19);

cout<<"AMOUNT ADDED :(Rs.)";

cin>>m1.amt;

m1.amt+=m2.amt;

mem2.write((char\*)&m1,sizeof(members\_record));

}

else

{gotoxy(20,10);

cout<<"NO ENTRY\a";

}

mem1.close();

mem2.close();

remove ("members.dat");

rename ("member1.dat","members.dat");

}

void readp()

{char l='y';

do

{clrscr();

gotoxy(28,2);

cout<<"VIEWING PRODUCT RECORDS ";

gotoxy(15,6);

cout<<"Enter product number:";

int no;

cin>>no;

ob1=products\_search(no);

if (ob1.no)

{gotoxy(18,9);

cout<<"The record is";

gotoxy(20,10);

cout<<" Number :";

cout<<ob1.no;

gotoxy(20,11);

cout<<" Stock :";

cout<<ob1.stock;

gotoxy(20,12);

cout<<" Name : ";

puts(ob1.name);

gotoxy(20,13);

cout<<" Rate :(Rs.)";

cout<<ob1.rate;

}

else

{gotoxy(20,10);

cout<<"NO ENTRY \a";

}

gotoxy(15,16);

cout<<"Any more records desired (Y/N)";

cin>>l;

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

}

void modifyp()

{char l='y';

do

{clrscr();

gotoxy(25,2);

cout<<"MODIFYING A PRODUCT RECORD";

gotoxy(15,5);

cout<<"Enter the product number:";

int no;

cin>>no;

products\_modify(no);

gotoxy(13,20);

cout<<"Any more modifications desired(Y/N)";

cin>>l;

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

}

void readm()

{char l='y';

do

{clrscr();

gotoxy(25,2);

cout<<"VIEWING A MEMBER'S RECORD ";

gotoxy(15,6);

cout<<"Enter membership number:";

int no;

cin>>no;

m1=members\_search(no);

if (m1.no)

{gotoxy(18,9);

cout<<"The record is";

gotoxy(20,10);

cout<<"Number :";

cout<<m1.no;

gotoxy(20,11);

cout<<"Name :";

puts(m1.name);

gotoxy(20,12);

cout<<"Card number :";

cout<<m1.card;

gotoxy(20,13);

cout<<"Address :";

puts(m1.add);

gotoxy(20,14);

cout<<"Telephone :";

cout<<m1.tel;

gotoxy(20,15);

cout<<"Amount :(Rs.)"<<m1.amt;

}

else

{gotoxy(17,12);

cout<<"NO ENTRY\a ";

}

gotoxy(15,18);

cout<<"Any more records desired (Y/N)";

cin>>l;

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

}

void modifym()

{char l='y';

do

{clrscr();

gotoxy(25,2);

cout<<"MODIFYING MEMBER'S RECORDS ";

gotoxy(15,5);

cout<<"Enter the membership number:";

int no;

cin>>no;

members\_modify(no);

gotoxy(13,22);

cout<<"Any more modifications desired(Y/N)";

cin>>l;

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

}

void billing()

{clrscr();

fstream b1;

b1.open("sale.dat",ios::app);

gotoxy(30,2);

cout<<"BILLING ";

gotoxy(15,7);

cout<<"Are you a member(Y/N):";

float less=1.0;

char m;

int no;

long card;

cin>>m;

if (m=='y'||m=='Y')

{gotoxy(18,9);

cout<<"Enter membership number:";

cin>>no;

gotoxy(18,10);

cout<<"Enter card number:";

cin>>card;

m1=members\_search(no);

if (card!=m1.card)

{gotoxy(20,12);

cout<<"Incorrect \a";

getch();

return;

}

else

if (m1.amt>100)

{less=0.95;

m1.amt-=5;

}

else

{gotoxy(20,12);

cout<<"Amount Less\a";

gotoxy(15,15);

cout<<"Continue with normal billing(Y/N)";

cin>>m;

if (m=='n'||m=='n')

return;

}

fstream t3,t4;

t3.open("members.dat",ios::in);

t4.open("member1.dat",ios::app);

t3.seekg(0,ios::beg);

t3.read((char\*)&m2,sizeof(members\_record));

while (!t3.eof())

{if (m2.no!=m1.no)

t4.write((char\*)&m2,sizeof(members\_record));

else

t4.write((char\*)&m1,sizeof(members\_record));

t3.read((char\*)&m2,sizeof(members\_record));

}

t3.close();

t4.close();

remove("members.dat");

rename("member1.dat","members.dat");

}

clrscr();

float total=0.0;

gotoxy(60,1);

cout<<"p.no.= 0:Exit Billing";

gotoxy(30,1);

cout<<"BILLING";

i=0;

void table1();

beg:

table1();

gotoxy(4,6+i);

cin>>n1.no;

ob1=products\_search(n1.no);

gotoxy(56,6+i);

float output1(products\_record);

if (n1.no>0)

{if(ob1.no>0)

{cin>>n1.qty;

strcpy(n1.name,ob1.name);

n1.rate=ob1.rate;

n1.total=output1(ob1);

total+=n1.total;

fstream t3,t4;

t3.open("sale.dat",ios::in);

t4.open("sale1.dat",ios::app);

t3.seekg(0,ios::beg);

int qty=n1.qty;

n1.qty=n1.total/n1.rate;

char test='y';

t3.read((char\*)&n2,sizeof(tables));

while (!t3.eof())

{if (n1.no==n2.no)

{n2.qty+=n1.qty;

n2.total+=n1.total;

test='n';

}

t4.write((char\*)&n2,sizeof(tables));

t3.read((char\*)&n2,sizeof(tables));

}

if (test=='y')

{t4.seekg(0,ios::end);

t4.write((char\*)&n1,sizeof(tables));

}

t3.close();

t4.close();

remove("sale.dat");

rename("sale1.dat","sale.dat");

n1.qty=qty;

if (n1.total)

{fstream temp3,temp4;

temp3.open("products.dat",ios::in);

temp4.open("product1.dat",ios::app);

temp3.seekg(0,ios::beg);

temp3.read((char\*)&ob1,sizeof(products\_record));

while (!temp3.eof())

{if (ob1.no==n1.no)

ob1.stock-=n1.qty;

temp4.write((char\*)&ob1,sizeof(products\_record));

temp3.read((char\*)&ob1,sizeof(products\_record));

}

temp3.close();

temp4.close();

remove("products.dat");

rename("product1.dat","products.dat");

}

i++;

goto beg;

}

else

if (ob1.no==0)

{gotoxy(10,6+i);

cout<<"No entry\a";

i++;

goto beg;

}

}

else

if (n1.no==0)

{for (int j=0;j<81;j++)

{gotoxy(j,6+i);

cout<<"-";

}

}

gotoxy(5,9+i);

cout<<"Number of items = ";

cout<<i;

gotoxy(5,10+i);

cout<<"Grand total = Rs.";

cout<<total;

if (less!=1)

{discount+=0.05\*total;

gotoxy(5,12+i);

cout<<"Discount = Rs.";

cout<<0.05\*total;

gotoxy(5,13+i);

cout<<"Net total = Rs.";

cout<<less\*total;

}

b1.close();

getch();

}

float output1(products\_record ob1)

{if (ob1.no==0)

return 0;

float stotal;

stotal=ob1.rate\*n1.qty;

gotoxy(4,6+i);

cout<<ob1.no;

gotoxy(10,6+i);

puts(ob1.name);

gotoxy(38,6+i);

cout<<ob1.rate;

gotoxy(43,6+i);

cout<<" ";

gotoxy(56,6+i);

if (n1.qty>ob1.stock)

{gotoxy(50,6+i);

cout<<"Out of stock\a";

return 0;

}

cout<<n1.qty;

gotoxy(68,6+i);

cout<<stotal;

gotoxy(74,6+i);

cout<<" ";

return stotal;

}

void table1()

{for (int a=1;a<=80;a++)

{gotoxy(a,2);

cout<<"\_";

gotoxy(a,5);

cout<<"-";

}

for (a=3;a<=5;a++)

{gotoxy(1,a);

cout<<"|";

gotoxy(9,a);

cout<<"|";

gotoxy(31,a);

cout<<"|";

gotoxy(49,a);

cout<<"|";

gotoxy(64,a);

cout<<"|";

gotoxy(80,a);

cout<<"|";

}

gotoxy(1,6+i);

cout<<"|";

gotoxy(9,6+i);

cout<<"|";

gotoxy(31,6+i);

cout<<"|";

gotoxy(49,6+i);

cout<<"|";

gotoxy(64,6+i);

cout<<"|";

gotoxy(80,6+i);

cout<<"|";

gotoxy(2,3);

cout<<"Product";

gotoxy(14,3);

cout<<"Product name ";

gotoxy(35,3);

cout<<"Rate (Rs.)";

gotoxy(53,3);

cout<<"Quantity";

gotoxy(67,3);

cout<<"Total (Rs.)";

gotoxy(2,4);

cout<<"number";

gotoxy(53,4);

cout<<"(Kgs/pcs)";

}

void sales()

{clrscr();

gotoxy(28,1);

cout<<"TODAY'S SALES";

float sales=0.0;

fstream sal1;

sal1.open("sale.dat",ios::in);

i=0;

sal1.read((char\*)&n1,sizeof(n1));

while(!sal1.eof() && n2.no!=n1.no)

{table1();

gotoxy(4,6+i);

cout<<n1.no;

gotoxy(10,6+i);

puts(n1.name);

gotoxy(38,6+i);

cout<<n1.rate;

gotoxy(43,6+i);

cout<<" ";

gotoxy(56,6+i);

cout<<n1.qty;

gotoxy(68,6+i);

cout<<n1.total;

sales+=n1.total;

gotoxy(74,6+i);

cout<<" ";

i++;

n2.no=n1.no;

sal1.read((char\*)&n1,sizeof(n1));

}

gotoxy(1,6+i);

for(int n=1;n<=80;n++)

cout<<"-";

gotoxy(5,8+i);

cout<<"Grand total = Rs.";

cout<<sales;

gotoxy(5,10+i);

cout<<"Discount = Rs.";

cout<<discount;

gotoxy(5,11+i);

cout<<"Net total = Rs.";

cout<<(sales-discount);

getch();

}

void enter()

{clrscr();

gotoxy(5,1);

cout<<"Entering Records";

gotoxy(5,6);

cout<<"For Products";

gotoxy(5,8);

cout<<"This part of the program helps the store management to ";

cout<<"add more";

gotoxy(5,9);

cout<<"products to their store. The existing product records are";

cout<<" not ";

gotoxy(5,10);

cout<<"affected by this option. The new record(s) are appended at";

cout<<" the end";

gotoxy(5,11);

cout<<"of the file containing such records namely ";

cout<<"'products.dat'";

cout<<". This";

gotoxy(5,12);

cout<<"option automatically assigns a product number to the "; cout<<"product";

cout<<" which";

gotoxy(5,13);

cout<<"must be remembered for any product reference.";

gotoxy(5,15);

cout<<"For members";

gotoxy(5,17);

cout<<"This option works just like its counterpart for products."; cout<<"It";

cout<<" stores";

gotoxy(5,18);

cout<<"records in the file ";

cout<<"'members.dat'";

cout<<" and assigns a membership number ";

gotoxy(5,19);

cout<<"for every new entry. For further details see the help"; cout<<" section";

cout<<" on ";

gotoxy(5,20);

cout<<"'Membership Rules'.";

getch();

}

void view()

{clrscr();

gotoxy(30,5);

cout<<"Viewing Records";

gotoxy(10,7);

cout<<"This option enables the user to view the latest records"; cout<<" of ";

gotoxy(10,8);

cout<<"either products or members. It helps in operations like ";

gotoxy(10,9);

cout<<"stock checking and member verification. The viewing is";

gotoxy(10,10);

cout<<"only possible with the product/membership numbers.";

getch();

}

void modify()

{clrscr();

gotoxy(30,5);

cout<<"Modifying Records";

gotoxy(10,7);

cout<<"This option helps in altering the records in the files.";

gotoxy(10,8);

cout<<"It can be used for deleting the entries as well. In ";

gotoxy(10,9);

cout<<"case of products either the record could be changed to";

gotoxy(10,10);

cout<<"some new entry or its stock could be made zero. For"; cout<<" members";

gotoxy(10,11);

cout<<"deletion is only possible by overwriting with a new entry.";

getch();

}

void procedure()

{clrscr();

gotoxy(30,5);

cout<<"Billing Procedure";

gotoxy(10,7);

cout<<"The actual billing procedure consists of two sections.";

gotoxy(10,8);

cout<<"One checks if the buyer is a member or not and accordingly";

gotoxy(10,9);

cout<<"performs the necessary tasks. The other section consists"; cout<<" of";

gotoxy(10,10);

cout<<"billing. The user is asked to enter the product number "; cout<<"and the ";

gotoxy(10,11);

cout<<"quantity bought. The computer calculates the total itself "; cout<<"and ";

gotoxy(10,12);

cout<<"also the discount if necessary. In order to exit the"; cout<<" procedure";

gotoxy(10,13);

cout<<"and view the final total, the user should enter the"; cout<<" product number";

gotoxy(10,14);

cout<<"as '0'.";

getch();

}

void rules()

{clrscr();

gotoxy(30,5);

cout<<"Membership Rules";

gotoxy(5,7);

cout<<"The program lets its subscribers (stores) maintain a";

cout<<" member's list";

gotoxy(5,8);

cout<<"in order to help them in increasing their sales for a";

cout<<" marginal cut";

gotoxy(5,9);

cout<<"in their profits. The program sets minimum membership ";

cout<<"amount as Rs.100";

gotoxy(5,10);

cout<<"which must be paid at the time of registration. The member";

cout<<" will be ";

gotoxy(5,11);

cout<<"given a membership number and a membership card (to be ";

cout<<"collected ";

gotoxy(5,12);

cout<<"after a week by reference to the membership number and ";

cout<<"other";

gotoxy(5,13);

cout<<" particulars). In case a member loses the membership card ";

cout<<", he/she ";

gotoxy(5,14);

cout<<"must register a complaint with the store by submitting a";

cout<<" written";

gotoxy(5,15);

cout<<"application with all the particulars. He/She can collect ";

cout<<"his/her ";

gotoxy(5,16);

cout<<"remaining money by showing proofs of the particulars.";

gotoxy(5,17);

cout<<"The membership allows a person to avail a special discount";

cout<<" of 5%";

gotoxy(5,18);

cout<<"over every purchase. Rs.5 will be subtracted from the ";

cout<<"member's account";

gotoxy(5,19);

cout<<"over every purchase. The account will be rendered ";

cout<<"inaccessible if the ";

gotoxy(5,20);

cout<<"amount will be less than Rs.100 and the member would be";

cout<<" expected to ";

gotoxy(5,21);

cout<<"deposit more money for continuing the membership. The"; cout<<" store";

cout<<" will also";

gotoxy(5,22);

cout<<"give away attractive gifts to a lucky member once every"; cout<<" year.";

getch();

}

void today()

{

clrscr();

gotoxy(30,5);

cout<<"Today's sales";

gotoxy(10,7);

cout<<"This option shows the total sales in terms of both"; cout<<" quantity";

gotoxy(10,8);

cout<<"and amount per item. This is stored in a file namely ";

gotoxy(10,9);

cout<<"'sale.dat' which is modified after every buying during the";

gotoxy(10,10);

cout<<"billing process.";

getch();

}

void instructions()

{clrscr();

int n;

char l='y';

do

{clrscr();

gotoxy(30,5);

cout<<"HELP INDEX";

for (int z=29;z<=39;z++)

{gotoxy(z,6);

cout<<"-";

}

gotoxy(20,7);

cout<<"1:ADD RECORDS";

gotoxy(20,8);

cout<<"2:VIEWING RECORDS ";

gotoxy(20,9);

cout<<"3:MODIFYING RECORDS";

gotoxy(20,10);

cout<<"4:BILLING PROCEDURE";

gotoxy(20,11);

cout<<"5:TODAY'S SALES ";

gotoxy(20,12);

cout<<"6:MEMBERSHIP DETAILS";

gotoxy(20,13);

cout<<"0:BACK TO MAIN MENU";

gotoxy(21,16);

cout<<"Enter your choice:";

cin>>n;

switch(n)

{ case 1: enter();

break;

case 2: view();

break;

case 3: modify();

break;

case 4: procedure();

break;

case 5: today();

break;

case 6: rules();

break;

case 0: l='n';

}}while(l=='y');}