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\*\*\*\*\*\*\*\*\*\*\*\*PROLOGUE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Name of Project : Med Store

Coded by : Abhijith Mallya

No. of hours spent : 500 hrs

No. of lines : 3000 approx

Guidance by : Mrs. Sona Maria Fernandes

Motto : Making communities Healthier

Min. Requirements : Turbo C++, MS DOS , Graphics

Hardware : 64 MB RAM , 1 MB DISK SPACE

\*/

#define graph() int gdriver = DETECT, gmode;initgraph(&gdriver,&gmode,"")

#define oxy outtextxy

//--Products

#define Prod\_openin() pfile.open("d:\\MEDSTORE\\Prd.dat",ios::in | ios::binary )

#define Prod\_openapp() pfile.open("d:\\MEDSTORE\\Prd.dat",ios::app| ios::binary )

#define Prod\_openout() pfile.open("d:\\MEDSTORE\\Prd.dat",ios::out | ios::binary)

#define Prod\_openio() pfile.open("d:\\MEDSTORE\\Prd.dat",ios::out | ios::in | ios::binary)

#define Prod\_read() pfile.read((char\*)&med, sizeof(med))

#define Prod\_write() pfile.write((char\*)&med, sizeof(med))

//--Billing Products

#define TProd\_openin() tpfile.open("d:\\MEDSTORE\\tPrd.dat",ios::in | ios::binary )

#define TProd\_openapp() tpfile.open("d:\\MEDSTORE\\tPrd.dat",ios::app| ios::binary )

#define TProd\_openout() tpfile.open("d:\\MEDSTORE\\tPrd.dat",ios::out | ios::binary)

#define TProd\_openio() tpfile.open("d:\\MEDSTORE\\tPrd.dat",ios::out | ios::in | ios::binary)

#define TProd\_read() tpfile.read((char\*)&med, sizeof(med))

#define TProd\_write() tpfile.write((char\*)&med, sizeof(med))

//--Customers

#define Cust\_openin() cfile.open("d:\\MEDSTORE\\Cst.dat",ios::in | ios::binary )

#define Cust\_openapp() cfile.open("d:\\MEDSTORE\\Cst.dat",ios::app| ios::binary )

#define Cust\_openout() cfile.open("d:\\MEDSTORE\\Cusomer.dat",ios::out | ios::binary)

#define Cust\_openio() cfile.open("d:\\MEDSTORE\\Cst.dat",ios::out | ios::in | ios::binary)

#define Cust\_read() cfile.read((char\*)&cust, sizeof(cust))

#define Cust\_write() cfile.write((char\*)&cust, sizeof(cust))

//--Deleting

#define Temp\_openin() temp.open("d:\\MEDSTORE\\temp.dat",ios::in | ios::binary )

#define Temp\_openout() temp.open("d:\\MEDSTORE\\temp.dat",ios::out| ios::binary )

#define Temp\_openapp() temp.open("d:\\MEDSTORE\\temp.dat",ios::app| ios::binary )

#define Temp\_openio() temp.open("d:\\MEDSTORE\\temp.dat",ios::in | ios::out| ios::binary)

#define Temp\_read() temp.read((char\*)&med, sizeof(med))

#define Temp\_write() temp.write((char\*)&med, sizeof(med))

//--Sales History

#define Hist\_openin() hfile.open("d:\\MEDSTORE\\Hst.dat",ios::in | ios::binary )

#define Hist\_openapp() hfile.open("d:\\MEDSTORE\\Hst.dat",ios::app| ios::binary )

#define Hist\_openout() hfile.open("d:\\MEDSTORE\\Hst.dat",ios::out | ios::binary)

#define Hist\_openio() hfile.open("d:\\MEDSTORE\\Hst.dat",ios::out | ios::in | ios::binary)

#define Hist\_read() hfile.read((char\*)&invoice, sizeof(invoice))

#define Hist\_write() hfile.write((char\*)&invoice, sizeof(invoice))

//--Temp for CART

#define H\_temp\_openin() htp.open("d:\\MEDSTORE\\htp.dat",ios::in | ios::binary )

#define H\_temp\_openout() htp.open("d:\\MEDSTORE\\htp.dat",ios::out| ios::binary )

#define H\_temp\_openapp() htp.open("d:\\MEDSTORE\\htp.dat",ios::app| ios::binary )

#define H\_temp\_openio() htp.open("d:\\MEDSTORE\\htp.dat",ios::in | ios::out| ios::binary)

#define H\_temp\_read() htp.read((char\*)&invoice, sizeof(invoice))

#define H\_temp\_write() htp.write((char\*)&invoice, sizeof(invoice))

//-------GRAPHICS-------------GRAPHICS-------------GRAPHICS-------------GRAPHICS------

//-------BEGIN--------------BEGIN--------------BEGIN--------------BEGIN-------

//\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*

struct dates

{

int D;

int M;

int Y;

};

// cust[n].details[cust[n].q\_id].purchase=date();

void showdate()

{struct date d;

getdate(&d); int da=d.da\_day,ma=d.da\_mon,ya=d.da\_year;

cout<<da<<"\/"<<ma<<"\/"<<ya;

}

\*/

//\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*\*\*\*\*\*D-A-T-E\*\*\*\*\*

int rand\_balance()

{ randomize();

int amt=random(200 - 150 + 1) + 150;

return amt;

}

void logo()

{

setcolor(GREEN);

setfillstyle(SOLID\_FILL,WHITE);

bar(15,5,105,95);

circle(60,50,45);

setfillstyle(SOLID\_FILL,GREEN);

bar(15,49,105,58);

bar(55,5,65,95);

setfillstyle(SOLID\_FILL,WHITE);

bar(540,5,630,95);

circle(585, 50, 45);

setfillstyle(SOLID\_FILL,GREEN);

bar(540,49,630,58);bar(580,5,590,95);

setcolor(RED);

}

void HEADING()

{

clrscr();

cleardevice();

setfillstyle(9,WHITE);

bar3d(0, 0, 800, 100,1,1);

settextstyle(4,0,6);

setbkcolor(CYAN);

setfillstyle(10,9);

bar(0,100,800,700);

setcolor(1);

oxy(160,0,"MED STORE");

settextstyle(7,0, 3);

setcolor(RED);

oxy(120,50,"Making Communities Healthier");

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

setfillstyle(SOLID\_FILL,YELLOW);

bar(0,100,20,700);

bar(0,100,800,120);

bar(620,120,640,520);

bar(0,460,800,480);

setfillstyle(SOLID\_FILL,RED);

bar(8,108,13,470);

bar(8,108,632,112);

bar(628,112,632,470);

bar(8,467,632,473);

logo();

}

void Heading()

{clrscr();

cleardevice();

setfillstyle(9,WHITE);

bar3d(0, 0, 800, 100,1,1);

settextstyle(4,0,6);

setbkcolor(8);

setcolor(1);

oxy(160,0,"MED STORE");

settextstyle(7,0, 3);

setcolor(RED);

oxy(120,50,"Making Communities Healthier");

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

logo();

}

//new customer , returnig customer, back;

void customer\_graphics()

{ HEADING();setcolor(BLUE);

rectangle(179,140,482,252);

setfillstyle(SOLID\_FILL,GREEN);

bar(180,141,481,250);

setfillstyle(SOLID\_FILL,WHITE);

for(int i=180,k=1;k<=2;k++,i+=30)

{bar(180,i,480,i+3);}

bar(230,141,233,251);

settextstyle(8,0,2);

setcolor(YELLOW);

oxy(200,150,"1 - New Customer");

oxy(200,180,"2 - Returning Customer");

oxy(200,210,"3 - Back");

}

void Loading()

{HEADING();settextstyle(4,0,4);oxy(200,200,"Loading . . . . .");settextstyle(5,0,3);for(int i=0;i<600;i+=5){oxy(i,240," \* ");delay(5);}}

void Exiting()

{HEADING();settextstyle(4,0,4);oxy(200,200,"Exiting . . . . .");settextstyle(5,0,3);for(int i=0;i<600;i+=5){oxy(i,240," \* ");delay(5);}settextstyle(4,0,5); setcolor(BLUE);oxy(175,280,"THANK YOU");getch();exit(0);}

void Line()

{for(int a1=1;a1<=79;a1++) cout<<"-";}

// buy med,prod list, my account help desk, ADMIn , about us , exit

void main\_menu()

{ HEADING();setcolor(BLUE); rectangle(179,160,471,401); setfillstyle(SOLID\_FILL,GREEN); bar3d(180,161,470,400,4,4);/\* inner\*/ setfillstyle(SOLID\_FILL,BLUE); for(int i=200,k=1;k<=6;k++,i+=30) {bar(181,i,469,i+1);} bar(250,161,251,401); int x=20; settextstyle(8,0,3); setcolor(YELLOW); oxy(220,x+150,"1 - Buy Medicine");oxy(220,x+180,"2 - Product List"); oxy(220,x+210,"3 - My Account"); oxy(220,x+240,"4 - Help Desk"); oxy(220,x+270,"5 - ADMIN"); oxy(220,x+300,"6 - About Us"); oxy(220,x+330,"7 - Exit");}

void product\_header()// product code, name , cost etc..

{Heading();cout<<endl<<endl;Line();textcolor( 8 );cout<<setw(15)<<"Product Code"<<setw(25)<<"Product Name"<<setw(20)<<"Quantity"<<setw(20)<<"M.R.P\n";Line();}

void customer\_header()

{cout<<"\n\t\t\t\tCUSTOMERS LIST\n\t\t\t\t--------------\n";cout<<endl;Line();textcolor( 8 );cout<<setw(15)<<" Name "<<setw(25)<<" Gender "<<setw(20)<<" Age "<<setw(20)<<"Balance\n";Line();}

void about\_us()

{ HEADING(); setcolor(RED); settextstyle(0,0,2); int x=-20 ; int y=15 ; oxy(105,135,"Chairman : ABHIJITH MALLYA"); settextstyle(7,0,3);setcolor(BLUE);; oxy(x+100,y+150,"MED STORE, Founded in the Late 2018 's"); oxy(x+100,y+170,"is one of the India leading Health") ; oxy(x+100,y+190,"care companies with an ever growing"); oxy(x+100,y+210,"number of pharmacy stores."); setcolor(BROWN); settextstyle(8,0,3); oxy(x+100,y+240,"Head Office : 7 - Lok Kalyan Marg,"); oxy(x+370,y+265,"New Delhi "); oxy(x+150,y+320,"COPYRIGHTS - 2019"); getch();}

void sales\_header()

{Heading();cout<<endl<<endl;Line();textcolor( 8 );cout<<setw(20)<<"Dt. of Purchase"<<setw(17)<<"Name"<<setw(20)<<"Cost\*Qnt"<<setw(19)<<"Total(Rs)\n";Line();}

//-------END--------------END--------------END--------------END--------------END-------

//-------GRAPHICS-------------GRAPHICS-------------GRAPHICS-------------GRAPHICS------

#include<fstream.h>

#include<iostream.h>

#include<graphics.h>

#include<conio.h>

#include<stdlib.h>

#include<string.h>

#include<stdio.h>

#include<dos.h>

#include<ctype.h>

#include<iomanip.h>

#include "d:\MEDSTORE\MDEFINE.cpp"

//-------PRODUCT-CS---------------PRODUCT-CS---------------PRODUCT-CS--------

//-------BEGIN------------BEGIN------------BEGIN------------BEGIN------------BEGIN-----

struct date d;

char dnamed[20],flag;

class product

{ int pnum;char pname[30]; int quantity; float cost;

public :

void Add\_Product() //pnum,pname,quantity,cost

{ HEADING();settextstyle(7,0,4);setcolor(BLUE);oxy(170,130,"Product Entry");setfillstyle(SOLID\_FILL,BLUE);bar(170,170,410,173);settextstyle(4,0,2);setcolor(RED);oxy(150,200,"1. Product Code : ");gotoxy(42,14);cin>>pnum;oxy(150,230,"2. Product Name : ");gotoxy(42,16);gets(pname);oxy(150,260,"3. Quantity : ");gotoxy(36,18);cin>>quantity;oxy(150,292,"4. Cost : ");gotoxy(32,20);cin>>cost;

}

float rcost()

{ return cost; }

char\* rpname()

{

return pname ;

}

char search(char name[20])

{ if(strcmpi(name,pname)==0)

{ return 'y'; }

else return 'n';

}

void pdetails()

{

HEADING();settextstyle(4,0,4);setcolor(BLUE);oxy(185,115,"Product Details");setfillstyle(SOLID\_FILL,5);bar(185,155,390,158);setcolor(RED);settextstyle(7,0,3);oxy(190,165,"Code : ");gotoxy(36,12);cout<<pnum;oxy(190,198,"Name : ");gotoxy(37,14);cout<<pname;oxy(190,228,"Quantity : ");gotoxy(41,16);cout<<quantity;oxy(190,261,"Cost : ");gotoxy(34,18);cout<<cost;setcolor(BLUE);int y=165;rectangle(179,y+140,482,y+235);setfillstyle(SOLID\_FILL,BLUE);bar(180,y+141,481,y+233);

setfillstyle(SOLID\_FILL,GREEN);

for(int o=y+170,k=1;k<=2;k++,o+=30){bar(180,o,480,o+1);}bar(230,y+141,231,y+235);settextstyle(8,0,2); setcolor(WHITE);k=155;

oxy(200,k+150,"1 - Edit details");oxy(200,k+180,"2 - Delete Product");oxy(200,k+210,"3 - Back");

}

void plist()

{ cout<<"\n"<<setw(8)<<pnum<<setw(30)<<pname<<setw(20)<<quantity<<setw(18)<<cost;

}

void pedit( int q )

{

quantity = q ;

}

void pedit()

{

char op;

do

{product\_header();plist();

cout<<"\n\n\n\n\t\t\tEdit the Following\n\n\n\t1 . Product Name\n\t2 . Quantity\n\t3 . Cost\n\t4 . Back";

op=getch();

if(op=='1'){Heading();cout<<"\n\tEnter new name : ";gets(pname);}

else if(op=='2'){Heading();cout<<"\n\tEnter new Quantity : ";cin>>quantity;}

else if(op=='3'){Heading();cout<<"\n\tEnter Revised Cost (Rupees) : ";cin>>cost;}

}while(op!='4');

}

int rquantity()

{return quantity;}

int rpnum(){ return pnum;}

}med; // END OF CLASS && declare a object med in the void main;

//-----END-----END-----END-----END-----END-----END-----END-----END-----END-----END

//----PRODUCT-CS----PRODUCT-CS----PRODUCT-CS----PRODUCT-CS----PRODUCT-CS----PRODUCT-CS

//\*\*\*\*\*CUSTOMER CLASS\*\*\*\*\*\*//\*\*\*\*\*CUSTOMER CLASS\*\*\*\*\*\*//\*\*\*\*\*CUSTOMER CLASS\*\*\*\*\*\*

//\*\*\*\*\* BEGIN \*\*\*\*\*\*\*\*\*\* BEGIN \*\*\*\*\*\*\*\*\*\* BEGIN \*\*\*\*\*\*\*\*\*\* BEGIN \*\*\*\*\*\*\*\*\*\* BEGIN \*\*\*\*\*

class people

{

char cname[25],gender,password[20];

int age,balance;

public :

int rbalance()

{return balance;}

char\* rcname()

{ return cname;}

char\* rpassword()

{return password; }

void Add\_Customer()

{ HEADING();settextstyle(7,0,4);setcolor(BLUE);oxy(170,130,"Customer Data"); setfillstyle(SOLID\_FILL,BLUE); bar(170,170,410,173); settextstyle(4,0,2);setcolor(RED); oxy(150,200,"1. Name : ");gotoxy(33,14);gets(cname);oxy(150,230,"2. Gender (m/f) : ");gotoxy(41,16);cin>>gender;if(islower(gender)==1) gender=toupper(gender);oxy(150,260,"3. Age : ");gotoxy(31,18);cin>>age;Heading();oxy(147,213,"Enter Passcode : ");gotoxy(48,15);for(int i=0; ; i++){password[i]=getch();if(password[i]=='\r'){password[i]='\0'; break;}else cout<<"\*";}

balance=rand\_balance();gotoxy(40,15);cout<<"\n\n\n\t\tCONGRATULATIONS .......\n\n\n\t\tYou have just recived Rs. "<<balance<<" \/-";getch();

}

void clist()

{ cout<<setw(20)<<cname<<setw(16)<<gender<<setw(22)<<age<<setw(20)<<balance<<endl;

}

void cdetails()// 1. change password 2.delete record 3.back

{ HEADING();settextstyle(4,0,4);

setcolor(BLUE);

oxy(185,115,"Customer Details");

setfillstyle(SOLID\_FILL,5);

bar(185,150,410,153);

setcolor(RED);

settextstyle(7,0,3);

oxy(190,165,"Name : ");

gotoxy(38,12);cout<<cname;

oxy(190,198,"Gender : ");

gotoxy(39,14);cout<<gender;

oxy(190,228,"Age : ");

gotoxy(34,16);cout<<age;

oxy(190,261,"Balance : ");

gotoxy(41,18);cout<<balance;

setcolor(BLUE);int y=170;

rectangle(179,y+140,482,y+265);

setfillstyle(SOLID\_FILL,BLUE);

bar(180,y+141,481,y+263);

setfillstyle(SOLID\_FILL,GREEN);

for(int i=y+170,k=1;k<=3;k++,i+=30)

{bar(180,i,480,i+1);}

bar(230,y+141,231,y+265);

settextstyle(8,0,2);

setcolor(WHITE);

k=160;

oxy(200,k+150,"1 - Add Balance");

oxy(200,k+180,"2 - Delete Record");

oxy(200,k+210,"3 - Purchase List");

oxy(200,k+240,"4 - Back");

}

void cbalance()

{int amt;

Heading(); cout<<"\n\n\t\tEnter the amount to be added : ";cin>>amt;

balance+=amt;

cout<<"\n\n\t\t\tBalance added successful";getch();

}

void cedit\_balance( int b)

{balance=b;}

void cedit\_password()

{ char pcode1[20],pcode2[20];

Heading();

cout<<"\n\n\n\n\n\t\tENTER NEW PASSWORD : ";

for(int i=0; ; i++)

{pcode1[i]=getch();

if(pcode1[i]=='\r') {pcode1[i]='\0';break;}

else cout<<"\*";

}

cout<<"\n\n\t\tENTER NEW PASSWORD : ";

for(int j=0 ; ; j++)

{pcode2[j]=getch();

if(pcode2[j]=='\r') {pcode2[j]='\0';break;}

else cout<<"\*";

}

if(strcmpi(pcode1,pcode2)==0)

{cout<<"\n\n\t\t-------:: Passworsd changed ::---------";strcpy(password,pcode1);}

else

{cout<<"\n\n\t\t-------:: Passworsd Mismatch ::---------";}

getch();

}

} cust;

//\*\*\*\*\*\* END \*\*\*\*\*\*\*\*\*\*\*\*\* END \*\*\*\*\*\*\*\*\*\*\*\*\* END \*\*\*\*\*\*\*\*\*\*\*\*\* END \*\*\*\*\*\*\*

//\*\*\*\*\*\* CUSTOMER \*\*\*\*\*\*\*\*\*\*\*\* CUSTOMER \*\*\*\*\*\*\*\*\*\*\*\* CUSTOMER \*\*\*\*\*\*\*\*\*\*\*\*

//\*\*\*\*SALES\*\*\*\*\*\*\*\*SALES\*\*\*\*\*\*\*\*SALES\*\*\*\*\*\*\*\*SALES\*\*\*\*\*\*\*\*SALES\*\*\*\*\*\*\*\*SALES\*\*\*\*

//BEGIN\_\_BEGIN\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN\_\_\_\_\_BEGIN

class sales :public people, public product

{

char bcname[20];

char bpname[20];

int bqnt;

int bcost;

int day,month,year;

public :

char\* rbcname()

{return bcname;}

char\* rbpname()

{return bpname;}

int rbqnt()

{return bqnt;}

int rbcost()

{return bcost;}

int rday()

{return day;}

int rmonth()

{return month;}

int ryear()

{return year;}

void sales\_list()

{cout<<"\n"<<setw(7)<<day<<"-"<<month<<"-"<<year<<setw(23)<<bpname<<setw(17)<<bcost<<" \* "<<bqnt<<setw(17)<<bcost\*bqnt;}

void Buy\_med\_graphics( float cart)

{

setfillstyle(9,WHITE);bar3d(0, 0, 800, 100,1,1);settextstyle(4,0,6); setbkcolor(6);setfillstyle(10,9);bar(0,100,800,700);setcolor(1);oxy(160,0,"MED STORE");settextstyle(7,0, 3);setcolor(RED);oxy(120,50,"Making Communities Healthier");cout<<"\n\n\n\n\n\n";settextstyle(7,0,1);setcolor(BLUE);setfillstyle(SOLID\_FILL,YELLOW);bar(0,100,800,115);setcolor(BLUE);oxy(20,95,"USER :: ");setcolor(RED);gotoxy(13,7);cout<<cust.rcname();setcolor(BLUE);oxy(450,95,"BALANCE :: ");setcolor(RED);gotoxy(71,7);cout<<cust.rbalance();setfillstyle(SOLID\_FILL,YELLOW);bar(305,100,311,500);setfillstyle(SOLID\_FILL,7);bar(10,125,295,460);setfillstyle(SOLID\_FILL,YELLOW);bar(0,117,800,123);setfillstyle(SOLID\_FILL,7);bar(320,125,630,460);setfillstyle(SOLID\_FILL,YELLOW);bar(0,463,800,480);settextstyle(1,0,1); setcolor(RED);logo();

}

void buy\_menu(float c)

{

Buy\_med\_graphics(c);setfillstyle(SOLID\_FILL,GREEN);setcolor(YELLOW);bar(150,170,450,400);settextstyle(7,0,3);

oxy(179,200,"1. Buy Product");

oxy(179,230,"2. View Cart");

oxy(179,260,"3. Make Payment");

oxy(179,290,"4. Logout");

}

void Buy(char cust\_name[20],long p)

{ fstream cfile,hfile,tpfile,htp;

char ch,add\_cart; int k,qnt;float cart\_value=0,value=0;

long int pos; int x=330,y=41;

strcpy(bcname,cust\_name);

int key=1;// I - in the buy // O - out of buy.ie logout or pay over

do {

buy\_menu(cart\_value);

ch=getch();

switch(ch)

{

case '1' :Buy\_med\_graphics(cart\_value);

settextstyle(7,0,3);setcolor(BLUE);oxy(20,120,"PRODUCT PURCHASE");setfillstyle(SOLID\_FILL,BROWN);bar(15,146,290,148);settextstyle(7,0,1); setcolor(4);

oxy(15,155,"Prod. Name :: ");gotoxy(20,11);gets(bpname);

TProd\_openio();

if(!tpfile)

{oxy(15+x,215,"Product Unavailable");getch();break;}

else

{ TProd\_read();

while(!tpfile.eof())

{

if(strcmpi(med.rpname(),bpname)==0)

{ settextstyle(7,0,3);setcolor(BLUE);

oxy(20+x,120,"PRODUCT DETAILS");

setfillstyle(SOLID\_FILL,BROWN);

bar(15+x,146,290+x,148);

settextstyle(7,0,1); setcolor(4);

oxy(15+x,155,"Prod. Name :: ");gotoxy(21+y,11);cout<<med.rpname();

/\*Display details\*/ oxy(15+x,185,"Quantity :: ");gotoxy(21+y,13);cout<<med.rquantity();

oxy(15+x,217,"Cost :: ");gotoxy(21+y,15);cout<<med.rcost()<<" Rs";

oxy(15,185,"Quantity :: ");gotoxy(20,13);cin>>bqnt;

/\* I/P Quantity \*/ value=bqnt\*med.rcost();

if(bqnt<=med.rquantity())

{ bcost=med.rcost();

cart\_value+=bqnt\*bcost;

if(cart\_value<=cust.rbalance())

{

oxy(15,217,"Add To Cart (Y/N) :: ");gotoxy(30,15);add\_cart=getche();

if(add\_cart=='Y'||add\_cart=='y')

{ if(bqnt!=0)

{

getdate(&d); day=d.da\_day;

month=d.da\_mon;

year=d.da\_year;

H\_temp\_openapp();

H\_temp\_write();

htp.close();

}

pos=tpfile.tellg();

med.pedit(med.rquantity()-bqnt);

tpfile.seekp(pos-sizeof(med)) ;

TProd\_write();tpfile.close();

oxy(15,255," Product added to Cart ");getch();

}

} // cost and balance

else

{oxy(15,255,"Cart Value EXCEEDS Balance ");getch();}

}// qnt

else

{oxy(15,255,"No Sufficient Stocks ");getch();}

break;

}// if product matches 2

TProd\_read();

}// !fle.eof()

if(tpfile.eof())

{oxy(15,255,"Product Unavailable ");getch();}

} tpfile.close();break;

case '2': H\_temp\_openin();

Buy\_med\_graphics(cart\_value);

setfillstyle(SOLID\_FILL,BROWN);

bar(30,140,610,450);

settextstyle(1,0,1);

setcolor(YELLOW);

oxy(47,145,"PRODUCT");

oxy(270,145,"QUANTITY");

oxy(470,145,"COST( Rs/unit )");

setfillstyle(SOLID\_FILL,RED);

bar(30,170,610,175);

settextstyle(11,0,BROWN);

k=11;

if(!htp)

{gotoxy(33,14);cout<<"CART EMPTY ";}

else{

H\_temp\_read();

while(!htp.eof())

{ k++;

gotoxy(8,k);cout<<invoice.bpname;

gotoxy(38,k);cout<<invoice.bqnt;

/\* CART \*/ gotoxy(61,k);cout<<invoice.bcost;

H\_temp\_read();

}

gotoxy(30,k+2);cout<<"TOTAL COST : ";

gotoxy(43,k+2);cout<<cart\_value; ;

}

htp.close();

getch();

break;

case '3' : H\_temp\_openin();char pay;

Buy\_med\_graphics(cart\_value);

setfillstyle(SOLID\_FILL,BROWN);

bar(30,140,610,450);

settextstyle(1,0,1);

setcolor(YELLOW);

oxy(47,145,"PRODUCT");

oxy(270,145,"QUANTITY");

oxy(470,145,"COST( Rs/unit )");

setfillstyle(SOLID\_FILL,RED);

bar(30,170,610,175);

settextstyle(11,0,BROWN);k=11;

if(!htp)

{gotoxy(33,14);cout<<"CART EMPTY ";getch();}

else

{

H\_temp\_read();

while(!htp.eof())

{ k++;

gotoxy(8,k);cout<<invoice.bpname;

gotoxy(38,k);cout<<invoice.bqnt;

/\* MAKE PAYEMENT \*/ gotoxy(61,k);cout<<invoice.bcost;

H\_temp\_read();

}

gotoxy(10,k+3);cout<<"TOTAL COST : ";

gotoxy(24,k+3);cout<<cart\_value; ;

gotoxy(10,k+5);cout<<"CONFIRM PAYEMENT ( Y/N ) :: ";

gotoxy(44,k+5);pay=getche();

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

{

Cust\_openio();

cfile.seekg(p-sizeof(cust));

Cust\_read();

cust.cedit\_balance(cust.rbalance()-cart\_value);

cfile.seekp(p-sizeof(cust));

Cust\_write();

cfile.close();

key=0; hfile.close();htp.close();

H\_temp\_openin();

Hist\_openapp();

H\_temp\_read();

while(!htp.eof())

{

Hist\_write();

H\_temp\_read();

}

hfile.close();

htp.close();

remove("d:\\MEDSTORE\\htp.dat");

remove("d:\\MEDSTORE\\Prd.dat");

rename("d:\\MEDSTORE\\tPrd.dat","d:\\MEDSTORE\\Prd.dat");

}

else {htp.close();}

} break;

case '4' : remove("d:\\MEDSTORE\\htp.dat");remove("d:\\MEDSTORE\\tPrd.dat");key=0;

}

}while(key!=0);

}

}invoice; // end of class

//\*\*\*\*\*END\*\*\*\*\*\*\*\*\*\*END\*\*\*\*\*\*\*\*\*\*END\*\*\*\*\*\*\*\*\*\*END\*\*\*\*\*\*\*\*\*\*END\*\*\*\*\*\*\*\*\*\*END\*\*\*\*\*

//\*\*\*\* SALES \*\*\*\*\*\*\*\*\* SALES \*\*\*\*\*\*\*\*\* SALES \*\*\*\*\*\*\*\*\* SALES \*\*\*\*\*\*\*\*\* SALES \*\*\*\*\*\*\*\*\* SALES \*\*\*\*\*

void Product\_list()

{fstream pfile,temp;

product\_header();Prod\_openin();Prod\_read();

if(pfile.eof()||!pfile) { cout<<"\n\n\t\t\tMedicines not Available";}

else

{ while(!pfile.eof())

{med.plist();

Prod\_read();

}pfile.close();

}

getch();

}

void Customer\_list()

{fstream cfile;

Heading();

customer\_header();Cust\_openin();Cust\_read();

if(cfile.eof()||!cfile) { cout<<"\n\n\t\t\tCustomer not Registered";}

else

{ while(!cfile.eof())

{cust.clist();

Cust\_read();

}cfile.close();

}

getch();

}

void transaction(char name[20])

{

fstream hfile;

sales\_header();

Hist\_openin();

int f=0;

if(!hfile)

{cout<<"\n\n\t\tFile Missing";}

else

{ Hist\_read();

while(!hfile.eof())

{

if(strcmpi(name,invoice.rbcname())==0)

{invoice.sales\_list();f=1;}

Hist\_read();

}

hfile.close();

if(f==0)

{cout<<"\n\n\t\t\*\*\*\*\*\* You have not purchased yet \*\*\*\*\*\*";}

}

getch();

}

void search\_menu\_cust(char dcnamed[30] ) // after search for "BALANCE" && "DELETE"

{ fstream cfile,temp,hfile; long pos;

char ch;

do{ cust.cdetails(); ch =getch();

switch(ch)

{ case '1' :Cust\_openio();

/\*balalnce\*/ Cust\_read();

while(!cfile.eof())

{ pos=cfile.tellg();

if(strcmpi(cust.rcname(),dcnamed)==0)

{

cust.cbalance();

cfile.seekp(pos-sizeof(cust)) ;

Cust\_write();

cfile.close();

break;

}

Cust\_read();

}break;

case '2' :Cust\_openin();Temp\_openout();

Cust\_read();

while(!cfile.eof())

/\*DELETE\*/ { if(strcmpi(cust.rcname(), dcnamed ) !=0 )

Temp\_write();

Cust\_read();

}

cfile.close();temp.close();

remove("d:\\MEDSTORE\\Cst.dat");

rename("d:\\MEDSTORE\\temp.dat","d:\\MEDSTORE\\Cst.dat");Heading();cout<<"\n\n\t\tRecord deleted successfully";

getch();

ch='4';break;

case '3' :transaction(dcnamed);break;

}

}while(ch!='4');

}

void admin\_cust() //1.C\_LIST 2.C\_DETAILS 3.BACK

{fstream cfile;

char ch,dcnamed[20];

do{ HEADING();settextstyle(7,0,5);setcolor(RED);oxy(175,115,"Administrator");setfillstyle(SOLID\_FILL,5);bar(175,165,475,168);setcolor(BLUE);int y=40;rectangle(179,y+140,482,y+235);setfillstyle(SOLID\_FILL,BLUE);bar(180,y+141,481,y+233);setfillstyle(SOLID\_FILL,GREEN);for(int i=y+170,k=1;k<=2;k++,i+=30){bar(180,i,480,i+1);}bar(230,y+141,231,y+235);settextstyle(8,0,2); setcolor(WHITE);k=30;

oxy(200,k+150,"1 - Customers List");oxy(200,k+180,"2 - Customer Details");oxy(200,k+210,"3 - Back");

ch=getch();

switch(ch)

{

case '1' : Customer\_list();break;

case '2' : Heading();Cust\_openin();Cust\_read();

cout<<"\n\n\n\t\tEnter Customer Name : ";gets(dcnamed);

flag='n';

while(!cfile.eof())

{ if(strcmpi(cust.rcname(), dcnamed ) == 0)

{ flag='y';cfile.close() ;

search\_menu\_cust(dcnamed );

break; }

Cust\_read();

}

if(flag=='n')

{cout<<"\n\n\t\tRecord doesn't exist";cfile.close();}

getch();break;

}// switch

} while(ch!='3');

}

void search\_menu\_med( int pno ) // after search for "EDIT" && "DELETE"

{ fstream pfile,temp; long pos;

char ch;

do{ med.pdetails(); ch =getch();

switch(ch)

{ case '1' :Prod\_openio();

/\*EDIT\*/ Prod\_read();

while(!pfile.eof())

{ pos=pfile.tellg();

if(med.rpnum()==pno )

{ med.pedit();

pfile.seekg(pos-sizeof(med)) ;

Prod\_write();

pfile.close();

break;

}

Prod\_read();

}

break;

case '2' :Prod\_openin();Temp\_openout();//Prod\_read();

while(!pfile.eof())

/\*DELETE\*/ { Prod\_read();

if(med.rpnum()!=pno )

Temp\_write();

}

pfile.close();temp.close();

remove("d:\\MEDSTORE\\Prd.dat");

rename("d:\\MEDSTORE\\temp.dat","d:\\MEDSTORE\\Prd.dat");Heading();cout<<"\n\n\t\tProduct deleted successfully";getch();

ch='3';break;

}

}while(ch!='3');

}

void admin\_products() // 1. Add product 2. Searh product 3. Back 9. CLEAR

{ fstream pfile;

char ch;int pos;

do{ HEADING();settextstyle(7,0,5);setcolor(RED);oxy(175,115,"Administrator"); setfillstyle(SOLID\_FILL,5);bar(175,165,475,168);setcolor(BLUE);int y=40; rectangle(179,y+140,482,y+235);setfillstyle(SOLID\_FILL,BLUE); bar(180,y+141,481,y+233); setfillstyle(SOLID\_FILL,GREEN);for(int i=y+170,k=1;k<=2;k++,i+=30) {bar(180,i,480,i+1);}bar(230,y+141,231,y+235); settextstyle(8,0,2); setcolor(WHITE);k=30;oxy(200,k+150,"1 - Add Product"); oxy(200,k+180,"2 - Search Product");oxy(200,k+210,"3 - Back");

ch=getch();

if(ch=='9'){Prod\_openout();pfile.close();}

else

if(ch=='1'){Prod\_openapp();med.Add\_Product();Prod\_write();pfile.close();}

else

if(ch=='2'){Heading();Prod\_openin();Prod\_read();

cout<<"\n\n\n\t\tEnter Product Name : ";gets(dnamed);

flag='n';

while(!pfile.eof())

{ if(strcmpi(med.rpname(), dnamed ) == 0)

{ flag='y';pfile.close() ;search\_menu\_med(med.rpnum() );

break;}

Prod\_read();

}

if(flag=='n')

{cout<<"\n\n\t\tProduct doesnt exist";pfile.close();}

getch();

} // if 2

}while(ch!='3');

}

void admin\_menu()// [ADMINISTRATOR] 1. PRoduct 2. Customers 3. Logout

{ char ch;

do{ HEADING();

settextstyle(7,0,5);

setcolor(RED);

oxy(175,115,"Administrator");

setfillstyle(SOLID\_FILL,5);

int y=25;

bar(175,165,475,168);

setcolor(BLUE);

rectangle(179,180,482,292+y);

setfillstyle(SOLID\_FILL,RED);

bar(180,181,481,290+y);

setfillstyle(SOLID\_FILL,WHITE);

for(int i=220,k=1;k<=3;k++,i+=30)

{bar(180,i,480,i+3);}

bar(230,181,233,291+y);

settextstyle(8,0,2);

setcolor(YELLOW);

oxy(200,190,"1 - Products");

oxy(200,220,"2 - Customers");

oxy(200,250,"3 - Sales");

oxy(200,280,"4 - Logout");

ch=getch();

switch(ch)

{case '1' : admin\_products();break;

case '2' : admin\_cust();break;

}

}while(ch!='4');

}

void admin\_login()

{ HEADING();char pcode[20];settextstyle(7,0,4); int n;setcolor(5);oxy(110,240,"ADMIN KEY : ");

gotoxy(45,17);for(int i=0; ; i++)

{ pcode[i]=getch(); if(pcode[i]=='\r'){pcode[i]='\0';break;}

else cout<<"\_";

}if(strcmpi("1221",pcode)==0)admin\_menu();else

{Heading();cout<<"\n\n\n\n\n\n\n\t\t\t\tINVALID DETAILS";getch();}

}

void myprofile()// n is c\_id

{

char option;

do{Heading();

cout<<"\n\n\t\t\t USER : "<<cust.rcname()<<endl;

cout<<"Your Balance (Rs.) : "<<cust.rbalance()<<" \/-"<<"\t\t\t\t ";showdate();

cout<<"\n\n\n\t1 . PURCHASE LIST\n\t2 . CHANGE PASSWORD \n\n\tPress L for Logout";

option=getch();

if(option=='1') {transaction(cust.rcname());}

if(option=='2') cust.cedit\_password();

}while(option!='l'&& option!='L');

}

void myaccount()

{fstream cfile;char pcode[20]; long pos;

Heading();Cust\_openio();Cust\_read(); //ask whether io or out

cout<<"\n\n\n\t\tEnter Customer Password : ";

for(int i=0;;i++)

{ pcode[i]=getch();

if(pcode[i]=='\r') {pcode[i]='\0';break;}

else

cout<<"\*";

}

flag='n';

while(!cfile.eof())

{ if(strcmpi(cust.rpassword(), pcode ) == 0)

{ flag='y'; pos=cfile.tellg();

myprofile();

cfile.seekp(pos-sizeof(cust));

Cust\_write();cfile.close() ;

break;

}

Cust\_read();

}

if(flag=='n')

{cout<<"\n\n\t\tInvalid Details ";cfile.close();}

getch();

}

void customer()

{fstream cfile;

int option;

do{ customer\_graphics();

option=getch();

if(option=='1')

{Cust\_openapp();cust.Add\_Customer();Cust\_write();cfile.close();}

if(option=='2')

myaccount();

}while(option!='3');

}

void check()

{ fstream cfile,pfile,tpfile;

Heading(); long pos,p=0;

char pcode[20];

Cust\_openin();

if(!cfile||!pfile) { cout<<"\n\n\n\t\t\tFILE not available";}

else

{Cust\_read();

cout<<"\n\n\t\tEnter your PASSCODE : ";

for(int i=0; ; i++)

{ pcode[i]=getch();

if(pcode[i]=='\r'){pcode[i]='\0';break;}

else cout<<"\_";

}

while(!cfile.eof())

{ if(strcmpi(cust.rpassword(), pcode ) == 0)

{pos=cfile.tellg();

cfile.close() ;

Prod\_openin();

TProd\_openout();

Prod\_read();

while(!pfile.eof())

{ TProd\_write();

Prod\_read();

}

pfile.close();tpfile.close();

invoice.Buy(cust.rcname(),pos);

break;

}

Cust\_read();

}

if(cfile.eof())

{cout<<"\n\n\t\t\*\*\* :: Invalid Passcode :: \*\*\* ";}

cfile.close();

}

getch();

}

//------voidmain------------voidmain------------voidmain------------voidmain------

//-----BEGIN-----------BEGIN-----------BEGIN-----------BEGIN-----------BEGIN------

void main()

{

product med;

graph();

HEADING();

Loading();char option;

do{ main\_menu();

option=getch();

switch(option)

{ case '1' :Loading();check();Loading();break;

case '2' :Loading();Product\_list();Loading();break;

case '3' :Loading();customer();Loading();break;

// case '4' :Help\_line();Loading();break;

case '6' :Loading();

about\_us();Loading();break;

case '5' :Loading();

admin\_login();Loading();break;

case '7' :Exiting();break;

}

}while(1);

}