**Source**

**Code**

**&**

**OUTPUT**

// LOGIN //

#include<iomanip.h>

#include<string.h>

#include<fstream.h>

#include<conio.h>

#include<stdio.h>

int cho;

class user

{

public:

char pasc[8];

char uid[10];

char uname[25];

char fname[25];

char lname[25];

long cont1,cont2;

char eid[50];

char store\_name[50];

void newaccount()

{

cout<<"Enter your First Name:-";

gets(fname);

cout<<"Enter your Last name:- ";

gets(lname);

cout<<"Enter your contact number:- ";

cin>>cont1;

cout<<"Enter your optional contact number:- ";

cin>>cont2;

cout<<"Enter your E-mail Id:- ";

gets(eid);

cout<<"Enter your Store name in(Uppercase letter):-";

gets(store\_name);

clrscr();

cout<<"Enter a User id:-";

gets(uid);

cout<<"Enter a Username:-";

gets(uname);

cout<<"Enter the password( Maximum 8 digit):-";

cin>>pasc;

cout<<"Account created successfully.."<<endl;

}

};

void showall()

{

user us1;

ifstream fin("E:\\proj\\file.dat",ios::app|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return;

}

while(fin.read((char\*)&us1,sizeof(us1)))

fin.close();

}

int newuser()

{

user us1;

ofstream fout("e:\\proj\\file.dat",ios::app|ios::binary);

if(!fout)

return 0;

us1.newaccount();

fout.write((char\*)&us1,sizeof(us1));

fout.close();

return 1;

}

int ifound=0;

int login()

{

user us1;

char ui[25];

char pa[10];

gotoxy(20,8);

cout<<"Enter the username:- ";

gets(ui);

gotoxy(20,9);

cout<<"Enter the password:-";

cin>>pa;

ifstream fin("e:\\proj\\file.dat",ios::in|ios::binary);

if(!fin)

{

cout<<"File not found";

return 2;

}

while(fin.read((char\*)&us1,sizeof(us1)))

{

//cout<<ui<<us1.uname<<" "<<pa<<" "<<us1.pasc<<endl;

if(strcmpi(ui,us1.uname)==0 && strcmpi(pa,us1.pasc)==0)

{

gotoxy(20,12);

cout<<".....You are successfully logged in....."<<endl;

ifound=1;

return 1;

}

}

if(ifound==0)

{

fin.close();

gotoxy(20,12);

cout<<"!!!!!! No such username found !!!!!!"<<endl;

return 0;

}

return 3;

}

void update()

{

user u;

char ui[25];

char pa[10];

gotoxy(20,8);

cout<<"Enter the username:- ";

gets(ui);

gotoxy(20,9);

cout<<"Enter the password:-";

cin>>pa;

fstream fin("e:\\proj\\file.dat",ios::in|ios::out|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

}

int cont=0,found=0;

while(fin.read((char\*)&u,sizeof(u)))

{

if(strcmpi(ui,u.uname)==0 && strcmpi(pa,u.pasc)==0)

{

gotoxy(20,10);

cout<<"Do you want to change the username?[1/0]: ";

cin>>cont;

if(cont==1)

{

gotoxy(20,11);

cout<<"Enter the new username: ";

gets(u.uname);

}

cont=0;

gotoxy(20,12);

cout<<"Do you want to change the password?[1/0]: ";

cin>>cont;

if(cont==1)

{

gotoxy(20,13);

cout<<"Enter the new password: ";

cin>>u.pasc;

}

fin.seekp(fin.tellg()-sizeof(u));

fin.write((char\*)&u,sizeof(u));

cout<<"\n\t\t....user updated succesfully...."<<endl;

fin.close();

found=1;

}

}

if(found==0)

{

fin.close();

cout<<"\t\tNo such username found to update"<<endl;

}

}

void remove()

{

user ob;

char ui[25];

char pa[10];

gotoxy(20,8);

cout<<"Enter the username:- ";

gets(ui);

gotoxy(20,9);

cout<<"Enter the password:-";

cin>>pa;

ifstream fin("e:\\proj\\file.dat",ios::in|ios::binary);

ofstream fout("e:\\proj\\file1.dat",ios::out|ios::binary);

if(!fin || !fout)

{

cout<<"File not found!!"<<endl;

return;

}

int found=0;

while(fin.read((char\*)&ob,sizeof (ob)))

{

if(strcmpi(ui,ob.uname)==0 && strcmpi(pa,ob.pasc)==0)

fout.write((char\*)&ob,sizeof(ob));

else

found=1;

}

if(found==0)

cout<<"\t\tNo such user id found to remove"<<endl;

fin.close();

fout.close();

remove("e:\\proj\\file.dat");

rename("e:\\proj\\file1.dat","e:\\proj\\file.dat");

}

void option()

{

cout<<"\t+---------------------------+"<<endl;

cout<<"\t| 1. Create new account. |\n";

cout<<"\t| 2. Login. |\n";

cout<<"\t| 3. Update. |\n";

cout<<"\t| 4. Delete an account. |\n";

cout<<"\t+---------------------------+"<<endl;

gotoxy(10,8);

cout<<"Enter the number:-";

cin>>cho;

clrscr();

}

char msg[3][15]={"Bye","Welcome","Not Working"};

void insert()

{

switch(cho)

{

case 1: cout<<msg[newuser()]<<endl;

break;

case 2: cout<<setw(40)<<msg[login()]<<endl;

break;

case 3: update();

break;

case 4: remove();

break;

default: cout<<"\t\tInvalid choice";

}

}

void mainl()

{

option();

insert();

}

// PRODUCT //

#include<fstream.h>

#include<iomanip.h>

#include<iostream.h>

#include<stdio.h>

#include<string.h>

#include<conio.h>

class product

{

public:

char prdnm[35];

char pid[10];

double MRP;

int qty;

void new\_prod()

{

cout<<"\t\tEnter the product Id to be kept :-";

gets(pid);

cout<<"\t\tEnter the new Product name to be added :- ";

gets(prdnm);

cout<<"\t\tEnter the MRP:-";

cin>>MRP;

cout<<"\t\tEnter the quantity:-";

cin>>qty;

}

void display()

{

cout<<"\t|"<<setw(14)<<pid<<"|";

cout<<setw(17)<<prdnm<<"|";

cout<<setw(13)<<qty<<" |";

cout<<setw(10)<<MRP<<" |"<<endl;

cout<<"\t+-------------------------------------------------------------+"<<endl;

}

void addStock()

{

int qtyadd;

cout<<"\t\tEnter the quantity to be added :-";

cin>>qtyadd;

qty+=qtyadd;

}

void reduceStock()

{

int qtyadd;

cout<<"\t\tEnter the quantity to be Purchased :-";

cin>>qtyadd;

qty-=qtyadd;

}

};

int recProduct()

{

product p;

fstream fin("E:\\proj\\prod.dat",ios::app|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return 2;

}

p.new\_prod();

fin.write((char\*)&p,sizeof(p));

cout<<"\n\t\tProduct added succesfully.."<<endl;

fin.close();

return 1;

}

void showStock()

{

product ob;

ifstream fin("E:\\proj\\Prod.dat",ios::in|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return;

}

cout<<"\t+--------------+-----------------+---------------+------------+"<<endl;

cout<<"\t| Product ID| Product name| Quantity | MRP |"<<endl;

cout<<"\t+--------------+-----------------+---------------+------------+"<<endl;

while(fin.read((char\*)&ob,sizeof(ob)))

ob.display();

fin.close();

}

void refill()

{

product p;

char code[10];

cout<<"\t\tEnter the product id to be refilled :-";

gets(code);

fstream fin("E:\\proj\\prod.dat",ios::in|ios::out|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return;

}

int found=0;

while(fin.read((char\*)&p,sizeof(p)))

{

if(strcmpi(code,p.pid)==0)

{

p.addStock();

cout<<"\t\tPresent Qty:"<<p.qty<<endl;

fin.seekp(fin.tellg()-sizeof(p));

fin.write((char\*)&p,sizeof(p));

cout<<"\n\t\tProduct refilled succesfully.."<<endl;

fin.close();

found=1;

return;

}

}

if(!found)

{

cout<<"\t\tINVALID ID "<<endl;

fin.close();

return;

}

}

void removeProd()

{

product ob;

char icode[10];

ifstream fin("E:\\proj\\prod.dat",ios::in|ios::binary);

ofstream fout("E:\\proj\\prod1.dat",ios::out|ios::binary);

if(!fin || !fout)

{

cout<<"File not found!!"<<endl;

return;

}

cout<<"\t\tEnter the product code:-";

gets(icode);

int found=0;

while(fin.read((char\*)&ob,sizeof (ob)))

{

//cout<<ob.pid<<" "<<icode<<endl;

if(strcmpi(icode,ob.pid)!=0)

{

fout.write((char\*)&ob,sizeof(ob));

cout<<"\n\t\t..Product removed successfully.."<<endl;

}

else

found=1;

}

if(found==0)

cout<<"\t\t!!!!No such product found to remove!!!!"<<endl;

fin.close();

fout.close();

remove("E:\\proj\\prod.dat");

rename("E:\\proj\\prod1.dat","E:\\proj\\prod.dat");

}

void changeProd()

{

product p;

char code[10];

cout<<"\t\tEnter the product id to be changed:-";

gets(code);

fstream fin("E:\\proj\\prod.dat",ios::in|ios::out|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

}

int cont=0,found=0;

while(fin.read((char\*)&p,sizeof(p)))

{

if(strcmpi(code,p.pid)==0)

{

cout<<"\t\tDo you want to change the product name?[1/0]: ";

cin>>cont;

if(cont==1)

{

cout<<"\t\tEnter the new name: ";

gets(p.prdnm);

}

cont=0;

cout<<"\t\tDo you want to change the product's MRP?[1/0]: ";

cin>>cont;

if(cont==1)

{

cout<<"\t\tEnter the new MRP: ";

cin>>p.MRP;

}

cont=0;

cout<<"\t\tDo you want to change the product's Quantity?[1/0]: ";

cin>>cont;

if(cont==1)

{

cout<<"\t\tEnter the new quantity: ";

cin>>p.qty;

}

fin.seekp(fin.tellg()-sizeof(p));

fin.write((char\*)&p,sizeof(p));

cout<<"\n\t\tProduct updated succesfully.."<<endl;

fin.close();

found=1;

}

}

if(found==0)

{

fin.close();

cout<<"\t\t!!No such product found to update!!"<<endl;

}

}

int ch,ch1,ch2,ch3;

void chDealer()

{

cout<<"\t\t\t\ +----------------------+"<<endl;

cout<<"\t\t\t\ |\t PRODUCT MENU.. |"<<endl;

cout<<"\t\t\t\ +----------------------+"<<endl;

cout<<"\t\t\t+------------------------------+"<<endl;

cout<<"\t\t\t|1. Enter a new product.. |"<<endl;

cout<<"\t\t\t|2. Stock info.. |"<<endl;

cout<<"\t\t\t|3. Refill.. |"<<endl;

cout<<"\t\t\t|4. Delete a product.. |"<<endl;

cout<<"\t\t\t|5. Change product details.. |"<<endl;

cout<<"\t\t\t|6. Exit.. |"<<endl;

cout<<"\t\t\t+------------------------------+"<<endl;

cout<<" "<<endl;

cout<<"\t\tEnter the choice:-";

cin>>ch1;

clrscr();

cout<<" "<<endl;

}

void menu1()

{

chDealer();

switch(ch1)

{

case 1: recProduct();

break;

case 2: showStock();

break;

case 3: refill();

break;

case 4: removeProd();

break;

case 5: changeProd();

break;

case 6: clrscr();

break;

default: cout<<"Invalid choice.."<<endl;

}

}

void mainp()

{

while(1)

{

menu1();

};

}

// CUSTOMER //

#include<fstream.h>

#include<iomanip.h>

#include<iostream.h>

#include<stdio.h>

#include<string.h>

#include<conio.h>

class customer

{

public:

char nm[35];

char cont\_no[11];

char address[25];

char cid[10];

int qty;

char pin[7];

void addnewcustomer()

{

cout<<"\tEnter the costumer name:-";

gets(nm);

cout<<"\tEnter the customer address:-";

gets(address);

cout<<"\tEnter costumer id:-";

cin>>cid;

cout<<"\tEnter the consumer contact no. :-";

cin>>cont\_no;

cout<<"\tEnter the pin: ";

cin>>pin;

}

void printHead()

{

cout<<"\t+----------+----------------+---------------+------------+-------+"<<endl;

cout<<"\t| Name | Address | Consumer id | contactno.| PIN |"<<endl;

cout<<"\t+----------+----------------+---------------+------------+-------+"<<endl;

}

void display()

{

cout<<"\t|"<<setw(10)<<nm<<"|";

cout<<setw(15)<<address<<" |";

cout<<setw(14)<<cid<<" |";

cout<<setw(12)<<cont\_no<<"|";

cout<<setw(6)<<pin<<" |"<<endl;

cout<<"\t+----------------------------------------------------------------+"<<endl;

}

};

void recCustomer()

{

customer ob;

ofstream fout("E:\\proj\\cust.dat",ios::app|ios::binary);

if(!fout)

{

cout<<"\tFile not found!!"<<endl;

return;

}

ob.addnewcustomer();

fout.write((char\*)&ob,sizeof(ob));

cout<<" "<<endl;

cout<<"\tAccount created succesfully.."<<endl;

}

void showcustid()

{

customer ob;

ifstream fin("E:\\proj\\cust.dat",ios::in|ios::binary);

if(!fin)

{

cout<<"\tFile not found!!"<<endl;

return;

}

ob.printHead();

while(fin.read((char\*)&ob,sizeof (ob)))

ob.display();

fin.close();

}

void removecusid()

{

customer c;

char icode[10];

ifstream fin("E:\\proj\\cust.dat",ios::in|ios::binary);

ofstream fout("E:\\proj\\cust1.dat",ios::out|ios::binary);

if(!fin || !fout)

{

cout<<"\tFile not found!!"<<endl;

return;

}

cout<<"\tEnter the consumer id:-";

gets(icode);

int found=0;

while(fin.read((char\*)&c,sizeof (c)))

{

//cout<<c.cid<<" "<<icode<<endl;

if(strcmpi(icode,c.cid)!=0)

{

fout.write((char\*)&c,sizeof(c));

}

else

found=1;

}

if(found==0)

cout<<"\tNo such id found to remove"<<endl;

fin.close();

fout.close();

remove("E:\\proj\\cust.dat");

rename("E:\\proj\\cust1.dat","E:\\proj\\cust.dat");

}

void changecust()

{

customer c;

char code[10];

cout<<"\tEnter the customer id to be changed :-";

gets(code);

fstream fin("E:\\proj\\cust.dat",ios::in|ios::out|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

}

int cont=0,found=0;

while(fin.read((char\*)&c,sizeof(c)))

{

if(strcmpi(code,c.cid)==0)

{

cout<<"\tDo you want to change the consumer name?[1/0]: ";

cin>>cont;

if(cont==1)

{

cout<<"\tEnter the new name: ";

gets(c.nm);

}

cont=0;

cout<<"\tDo you want to change the consumer address's ?[1/0]: ";

cin>>cont;

if(cont==1)

{

cout<<"\tEnter the new address: ";

gets(c.address);

}

cont=0;

cout<<"\tDo you want to change the customer's contact?[1/0]: ";

cin>>cont;

if(cont==1)

{

cout<<"\tEnter the new contact: ";

cin>>c.cont\_no;

}

fin.seekp(fin.tellg()-sizeof(c));

fin.write((char\*)&c,sizeof(c));

cout<<"\n\tcustomer details updated succesfully.."<<endl;

fin.close();

found=1;

}

}

if(!found)

{

fin.close();

cout<<"\tNo such product found to update"<<endl;

}

}

void place\_order()

{

char order\_con[35];

int Qty\_ord;

char dod[25];

cout<<"\tEnter the item to be ordered:- ";

gets(order\_con);

cout<<"\tEnter the Quantity to be ordered:- ";

cin>>Qty\_ord;

cout<<"\tEnter the expected date of delivery (dd/mm/yyyy):-";

gets(dod);

cout<<"\tOrder placed succesfully.."<<endl;

}

void chCustomer()

{

cout<<"\t\t\t +-----------------------+"<<endl;

cout<<"\t\t\t |\tCUSTOMER'S MENU.. |"<<endl;

cout<<"\t\t\t +-----------------------+"<<endl;

cout<<"\t\t\t+-----------------------------+"<<endl;

cout<<"\t\t\t|1. Create a consumer ID |"<<endl;

cout<<"\t\t\t|2. Show customer ID |"<<endl;

cout<<"\t\t\t|3. Remove customer ID |"<<endl;

cout<<"\t\t\t|4. Change customer ID |"<<endl;

cout<<"\t\t\t|5. Place an order |"<<endl;

cout<<"\t\t\t|6. Exit |"<<endl;

cout<<"\t\t\t+-----------------------------+"<<endl;

cout<<" "<<endl;

cout<<"\tEnter the choice:-";

cin>>ch3;

clrscr();

cout<<" "<<endl;

}

void menu()

{

chCustomer();

switch(ch3)

{

case 1: recCustomer();

break;

case 2: showcustid();

break;

case 3: removecusid();

break;

case 4: changecust();

break;

case 5: place\_order();

break;

case 6: return;

default: cout<<"\tInvalid choice.."<<endl;

}

}

void mainc()

{

menu();

}

// BILL //

#include<iostream.h>

#include<fstream.h>

#include<conio.h>

#include"product.h"

#include"customer.h"

#include<stdio.h>

//functions used :-

void bill();

int yr[]={31,28,31,30,31,30,31,31,30,31,30,31};

struct Date

{

int yyyy,mm,dd;

};

class BillDetails

{

public:

int billno;

Date billdt;

char cid[10];

char cname[25],add[25];

char ph[11];

char pin[8];

double totbill;

};

class BillItem

{

public:

int billno,slno;

char pid[10],pname[25];

double rate,qty,amt;

};

void billLayout()

{

clrscr();

cout<<"+-----------------------------------------+"<<endl;

cout<<"| BILL /MEMO |"<<endl;

cout<<"+-----------------------------------------+"<<endl;

cout<<"|Bill No: Bill Dt: |"<<endl;

cout<<"|Customer ID: |"<<endl;

cout<<"|Customer: |"<<endl;

cout<<"|Add: |"<<endl;

cout<<"|PIN: PHONE: |"<<endl;

cout<<"+----+---------------+-----+-----+--------+"<<endl;

cout<<"|SrNo|Desc |Rt |Qty |Amt |"<<endl;

cout<<"+----+---------------+-----+-----+--------+"<<endl;

cout<<"| | | | | |"<<endl;

cout<<"| | | | | |"<<endl;

cout<<"| | | | | |"<<endl;

cout<<"| | | | | |"<<endl;

cout<<"| | | | | |"<<endl;

cout<<"| | | | | |"<<endl;

cout<<"| | | | | |"<<endl;

cout<<"+----+---------------+-----+-----+--------+"<<endl;

cout<<"| Total Bill | |"<<endl;

cout<<"+--------------------------------+--------+"<<endl;

cout<<"| \*THANK YOU\* |"<<endl;

cout<<"+-----------------------------------------+"<<endl;

}

int bn;

char cid[10];

BillDetails bd;

BillItem bi[7];

void compare()

{

//int found=0;

ifstream fin("e:\\proj\\bdet.dat",ios::in|ios::binary);

if(!fin)

{

cout<<" FILE ERROR !!"<<endl;

return;

}

while(fin.read((char\*)&bd,sizeof(bd)))

{

if(bn==bd.billno)

{

//found=1;

gotoxy(46,3);

cout<<"Bill no. already exist ";

gotoxy(46,4);

cout<<"Try again ";

getch();

gotoxy(46,3);

cout<<" ";

gotoxy(46,4);

cout<<" ";

cout<<" ";

fin.close();

bill();

}

}

}

void bill()

{

billLayout();

ifstream fin("e:\\proj\\cust.dat",ios::in|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return;

}

gotoxy(46,3);

cout<<" ";

gotoxy(46,3);

cout<<"Enter the billNo:";

cin>>bn;

compare();

gotoxy(10,4);

cout<<bn;

}

void date()

{

customer c;

ifstream fin("e:\\proj\\cust.dat",ios::in|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return;

}

int leap=0,yyyy,mm,dd;

do

{

gotoxy(46,3);

cout<<" ";

gotoxy(46,3);

cout<<"Enter the year:-";

cin>>yyyy;

}while(yyyy<1850 || yyyy>2040);

leap=(yyyy%400==0 || yyyy%100!=0 && yyyy%4==0)?1:0;

do

{

gotoxy(46,3);

cout<<" ";

gotoxy(46,3);

cout<<"Enter the month:-";

cin>>mm;

}while(mm<1 || mm>12);

if(mm!=2)

leap=0;

do

{

gotoxy(46,3);

cout<<" ";

gotoxy(46,3);

cout<<"Enter the day:-";

cin>>dd;

}while(dd>yr[mm-1]+leap || dd<1);

gotoxy(33,4);

cout<<yyyy<<"-"<<mm<<"-"<<dd;

gotoxy(46,3);

cout<<" ";

gotoxy(46,3);

cout<<"Enter the Customer ID:";

gets(cid);

while(fin.read((char\*)&c,sizeof(c)))

{

if(strcmpi(cid,c.cid)==0)

{

strcpy(bd.cid,cid);

gotoxy(14,5);

cout<<cid;

gotoxy(11,6);

cout<<c.nm;

gotoxy(6,7);

cout<<c.address;

gotoxy(6,8);

cout<<c.pin;

gotoxy(23,8);

cout<<c.cont\_no;

gotoxy(27,10);

bd.billdt.yyyy=yyyy;

bd.billdt.mm=mm;

bd.billdt.dd=dd;

strcpy(bd.cid,cid);

strcpy(bd.add,c.address);

strcpy(bd.cname,c.nm);

strcpy(bd.ph,c.cont\_no);

strcpy(bd.pin,c.pin);

}

else

{

gotoxy(46,3);

cout<<" ";

gotoxy(46,3);

cout<<"Customer id not found"<<endl;

}

}

fin.close();

}

void ReduceStock(double q,char pd[])

{

product p;

fstream fin("e:\\proj\\prod.dat",ios::in|ios::out|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return;

}

int found=0;

while(fin.read((char\*)&p,sizeof(p)))

{

if(strcmpi(pd,p.pid)==0)

{

p.qty-=q;

fin.seekp(fin.tellg()-sizeof(p));

fin.write((char\*)&p,sizeof(p));

fin.close();

found=1;

return;

}

}

if(!found)

{

fin.close();

return;

}

}

void buy(int i,double am)

{

bd.billno=bn;

product p;

bd.totbill=0;

char pid[10];

int found,a;

gotoxy(46,3);

cout<<" ";

fstream fin;

label:

gotoxy(46,3);

cout<<"\b\bEnter the product id: ";

cin>>pid;

found=0;

fin.open("e:\\proj\\prod.dat",ios::in|ios::binary);

if(!fin)

{

cout<<"File not found!!"<<endl;

return;

}

while(fin.read((char\*)&p,sizeof(p)))

{

if(strcmpi(pid,p.pid)==0)

{

found=1;

bi[i-1].billno= bn;

strcpy(bi[i-1].pid,pid);

gotoxy(3,11+i);

cout<<i;

bi[i-1].slno=i;

gotoxy(7,11+i);

cout<<p.prdnm;

strcpy(bi[i-1].pname,p.prdnm);

gotoxy(23,11+i);

cout<<p.MRP;

bi[i-1].rate=p.MRP;

gotoxy(30,11+i);

if(p.qty==0)

{

gotoxy(44,4);

cout<<"Insufficiant Stock...";

gotoxy(44,5);

cout<<"Try another product ";

getch();

gotoxy(44,4);

cout<<" ";

gotoxy(44,5);

cout<<" ";

gotoxy(46,3);

cout<<" ";

fin.close();

goto label;

}

cout<<p.qty;

bi[i-1].qty=p.qty;

do

{

gotoxy(44,3);

cout<<" ";

gotoxy(46,3+i);

cout<<"Enter the quantity: ";

cin>>bi[i-1].qty;

gotoxy(46,3+i);

cout<<" ";

}while(bi[i-1].qty>p.qty);

gotoxy(30,11+i);

cout<<" ";

gotoxy(30,11+i);

cout<<bi[i-1].qty;

gotoxy(36,11+i);

bi[i-1].amt=p.MRP\*bi[i-1].qty;

cout<<bi[i-1].amt;

am+=bi[i-1].amt;

bd.totbill=am;

gotoxy(49,20);

gotoxy(36,20);

cout<<" ";

gotoxy(36,20);

cout<<bd.totbill;

ReduceStock(bi[i-1].qty,pid);

gotoxy(44,3);

cout<<" ";

gotoxy(46,3);

cout<<" ";

gotoxy(46,3);

cout<<"Do you want to buy more(1/0): ";

cin>>a;

i++;

if(a==1 && i<=7)

buy(i,am);

else

{

gotoxy(46,3);

ofstream f1("e:\\proj\\bdet.dat",ios::app|ios::binary);

ofstream f2("e:\\proj\\bitem.dat",ios::app|ios::binary);

if(!f1||!f2)

{

cout<<"Bill is not saved. Try again."<<endl;

return;

}

int x;

for(x=0;x<i;x++)

f2.write((char\*)&bi[x],sizeof(bi[0]));

f1.write((char\*)&bd,sizeof(bd));

f1.close();

f2.close();

gotoxy(46,3);

cout<<" ";

cout<<"Bill saved successfully."<<endl;

return;

}

}

}

if(!found)

{

gotoxy(44,4);

cout<<"No such product exists";

gotoxy(44,5);

cout<<"Try another product ";

getch();

gotoxy(44,4);

cout<<" ";

gotoxy(44,5);

cout<<" ";

gotoxy(46,3);

cout<<" ";

fin.close();

goto label;

}

}

void showBill()

{

int i=1;

ifstream fin("e:\\proj\\bdet.dat",ios::in|ios::binary);

ifstream fin1("e:\\proj\\bitem.dat",ios::in|ios::binary);

if(!fin || !fin1)

{

cout<<"File Errors!!"<<endl;

return;

}

billLayout();

int bid,found=0;

do

{

gotoxy(10,4);

cout<<" ";

gotoxy(46,3);

cout<<" "<<endl;

gotoxy(10,4);

cin>>bid;

while(fin.read((char\*)&bd,sizeof(bd)))

if(bid==bd.billno)

found=1;

if(!found)

{

gotoxy(46,3);

cout<<"No such Bill found"<<endl;

getch();

}

}while(!found);

fin.close();

fin.open("e:\\proj\\bdet.dat",ios::in|ios::binary);

while(fin.read((char\*)&bd,sizeof(bd)))

if(bid==bd.billno)

{

gotoxy(33,4);

cout<<bd.billdt.yyyy<<"-"<<bd.billdt.mm<<"-"<<bd.billdt.dd;

gotoxy(15,5);

cout<<bd.cid;

gotoxy(12,6);

cout<<bd.cname;

gotoxy(7,7);

cout<<bd.add;

gotoxy(6,8);

cout<<bd.pin;

gotoxy(23,8);

cout<<bd.ph;

gotoxy(36,20);

cout<<bd.totbill;

}

while(fin1.read((char\*)&bi[0],sizeof(bi[0])))

if(bid==bi[0].billno)

{

gotoxy(3,11+i);

cout<<i;

gotoxy(7,11+i);

cout<<bi[0].pname;

gotoxy(23,11+i);

cout<<bi[0].rate;

gotoxy(30,11+i);

cout<<bi[0].qty;

gotoxy(36,11+i);

cout<<bi[0].amt;

i++;

}

fin.close();

fin1.close();

}

int cb;

void showch()

{

cout<<"\t\t+-----------------------------+"<<endl;

cout<<"\t\t| 1. Enter a new bill.. |"<<endl;

cout<<"\t\t| 2. Show bills.. |"<<endl;

cout<<"\t\t+-----------------------------+"<<endl;

cout<<"\t\tEnter the choice :";

cin>>cb;

clrscr();

}

void chshow()

{

switch(cb)

{

case 1: bill();

date();

buy(1,0);

break;

case 2: showBill();

break;

default:cout<<"Invalid choice !!"<<endl;

}

}

void mainb()

{

showch();

chshow();

}

// LINKING //

#include<iostream.h>

#include<fstream.h>

#include<conio.h>

#include"bill.h"

#include"login.h"

void dispfront()

{

cout<<"/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\";

cout<<"/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"< "

" >";

cout<<"\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/";

cout<<"\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/\\/";

gotoxy(25,12);

cout<<"WELCOME TO StorManPro Type....";

getch();

gotoxy(25,12);

cout<<" "<<endl;

gotoxy(25,12);

cout<<"Press any key to continue....";

getch();

gotoxy(25,12);

cout<<" "<<endl;

}

void main()

{

int ch,a;

dispfront();

clrscr();

option();

insert();

if(cho==2 && ifound==1)

{

do

{

cout<<"\t\t\t+------------------------+"<<endl;

cout<<"\t\t\t|1.PRODUCT |"<<endl;

cout<<"\t\t\t|2.CUSTOMER |"<<endl;

cout<<"\t\t\t|3.BILL |"<<endl;

cout<<"\t\t\t+------------------------+"<<endl;

cout<<""<<endl;

cout<<"\t\t\tEnter your choice:- ";

cin>>ch;

clrscr();

switch(ch)

{

case 1: menu1();

break;

case 2: menu();

break;

case 3: showch();

chshow();

break;

default: cout<<"Invalid choice"<<endl;

}

gotoxy(47,22);

cout<<"Do u want to continue[1/0]: ";

cin>>a;

clrscr();

}while(a==1);

clrscr();

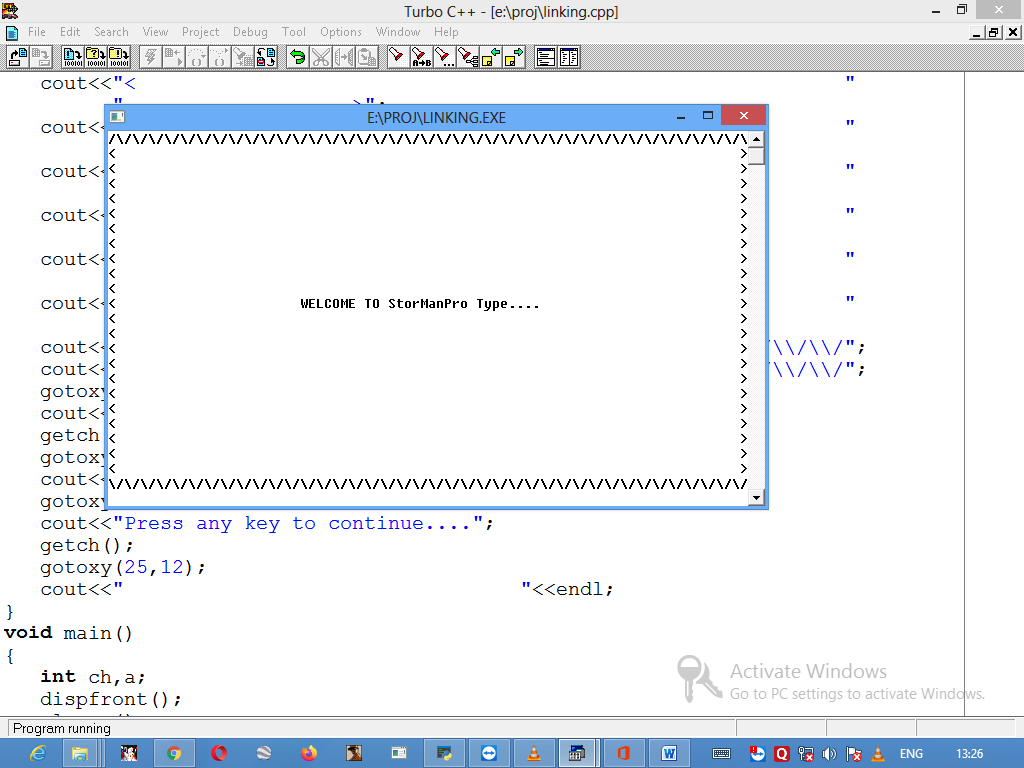
gotoxy(25,12);

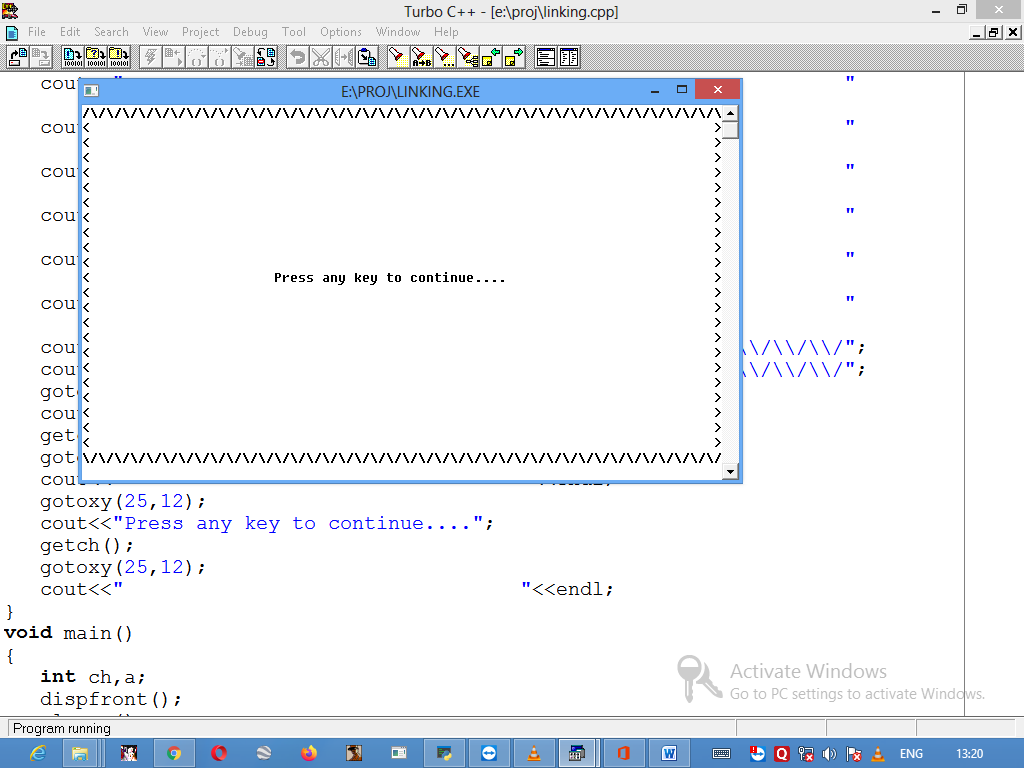
cout<<":)THANK YOU AND VISIT AGAIN(:";

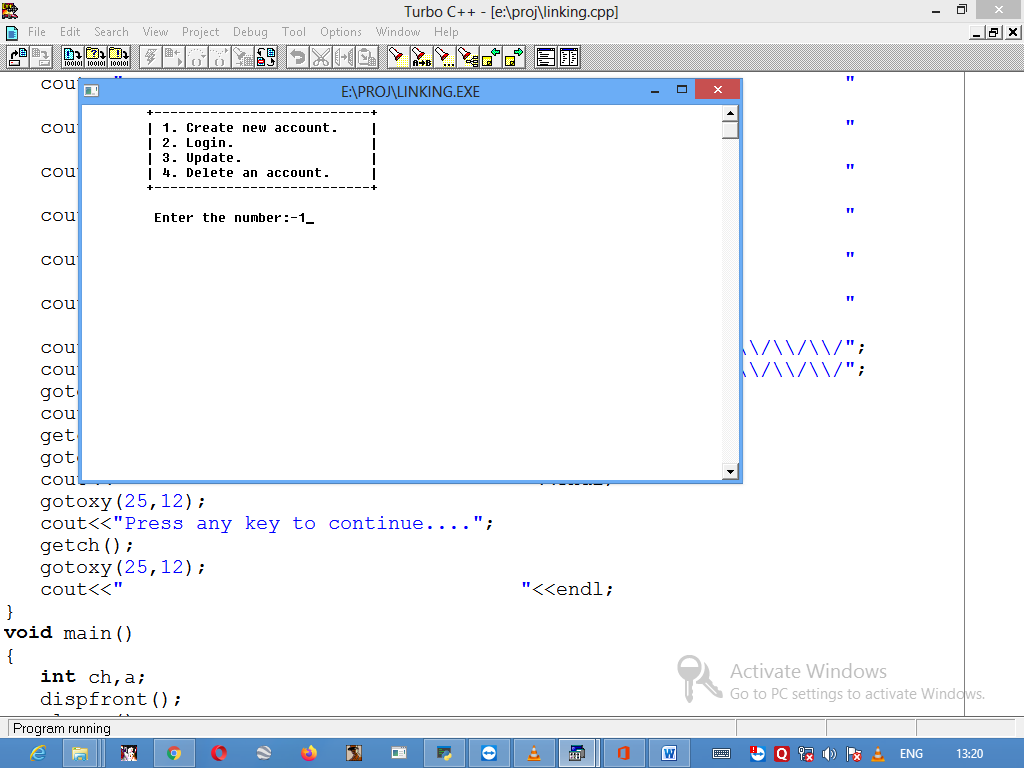
}

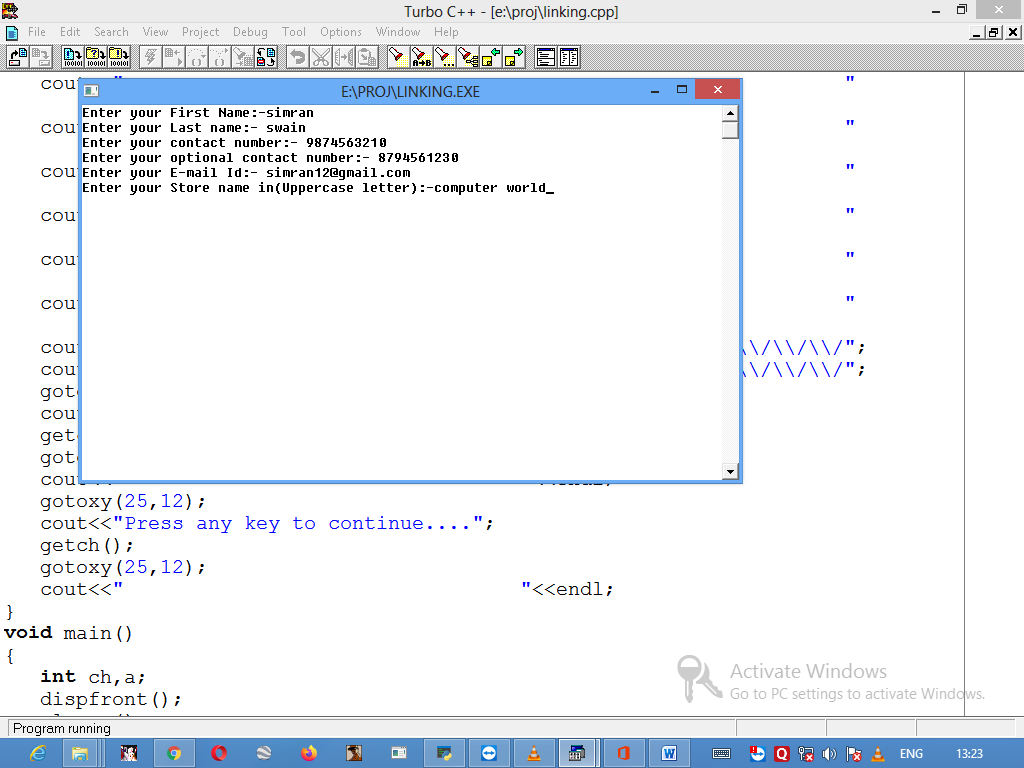
}

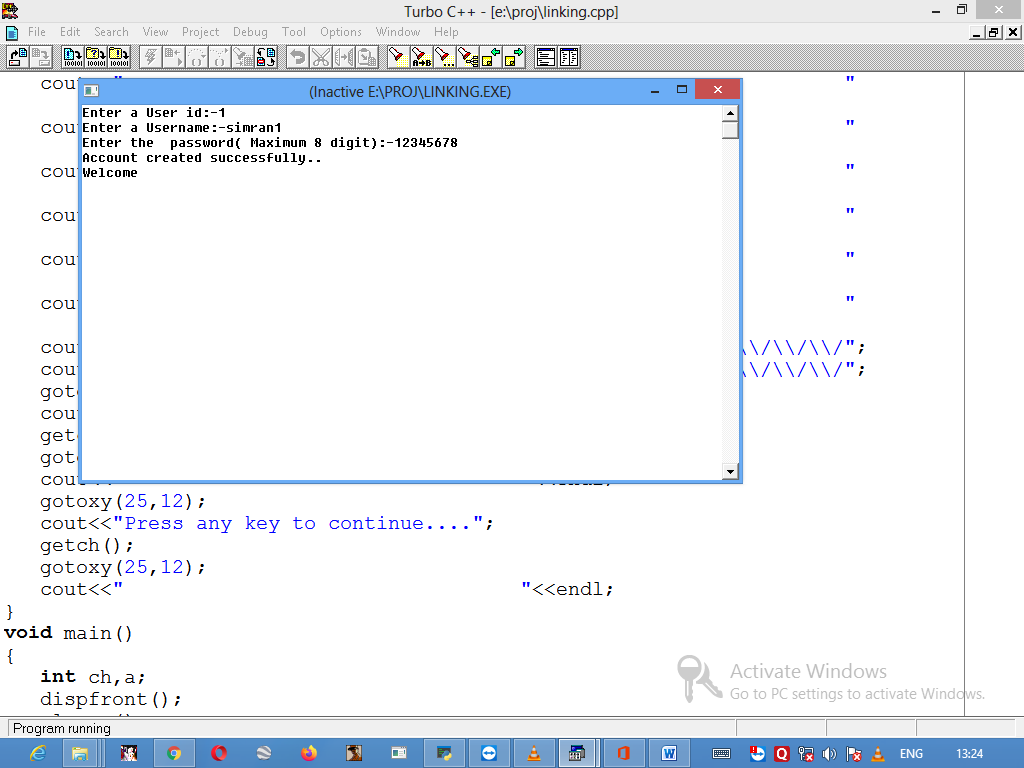
**Output**

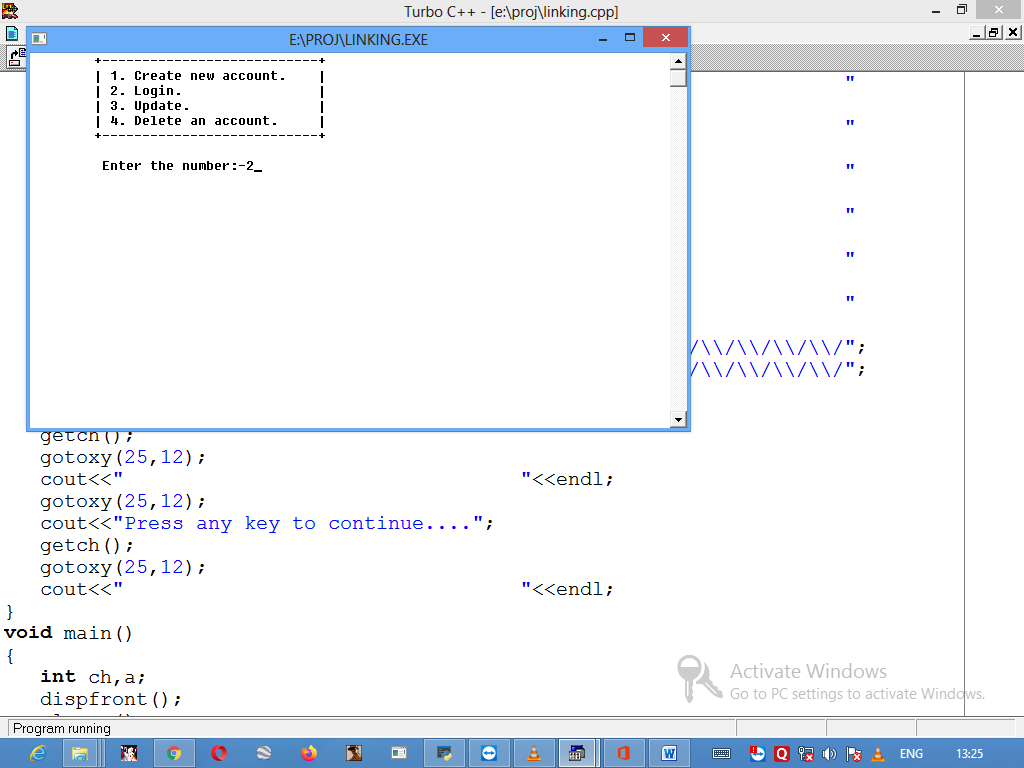


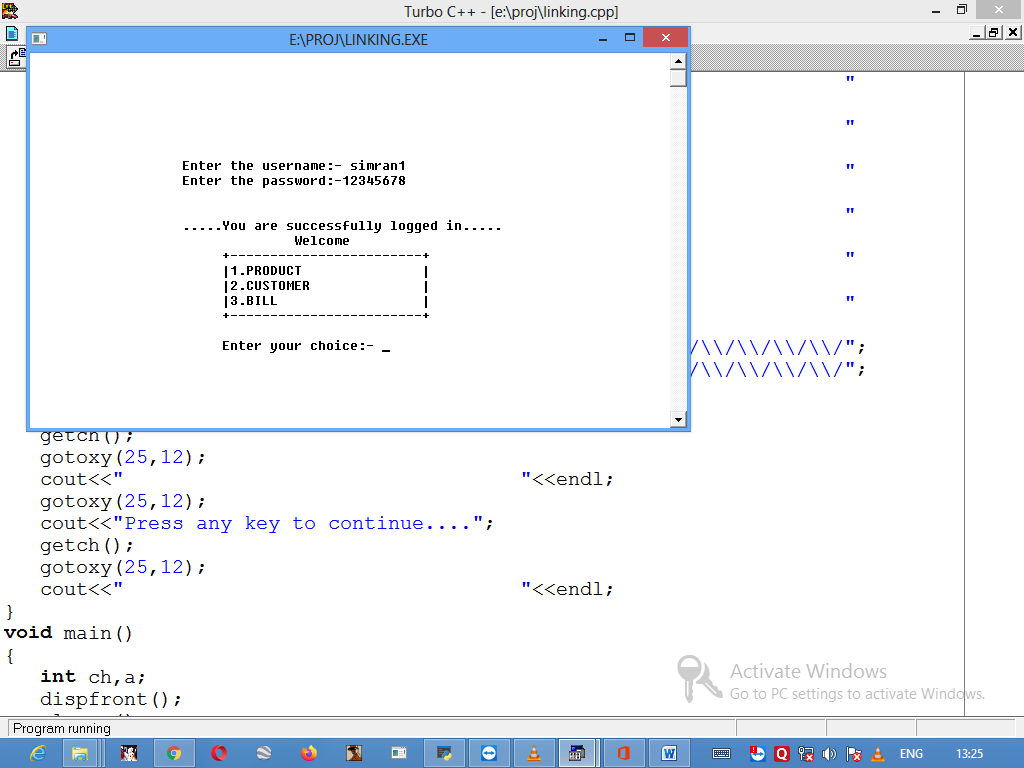


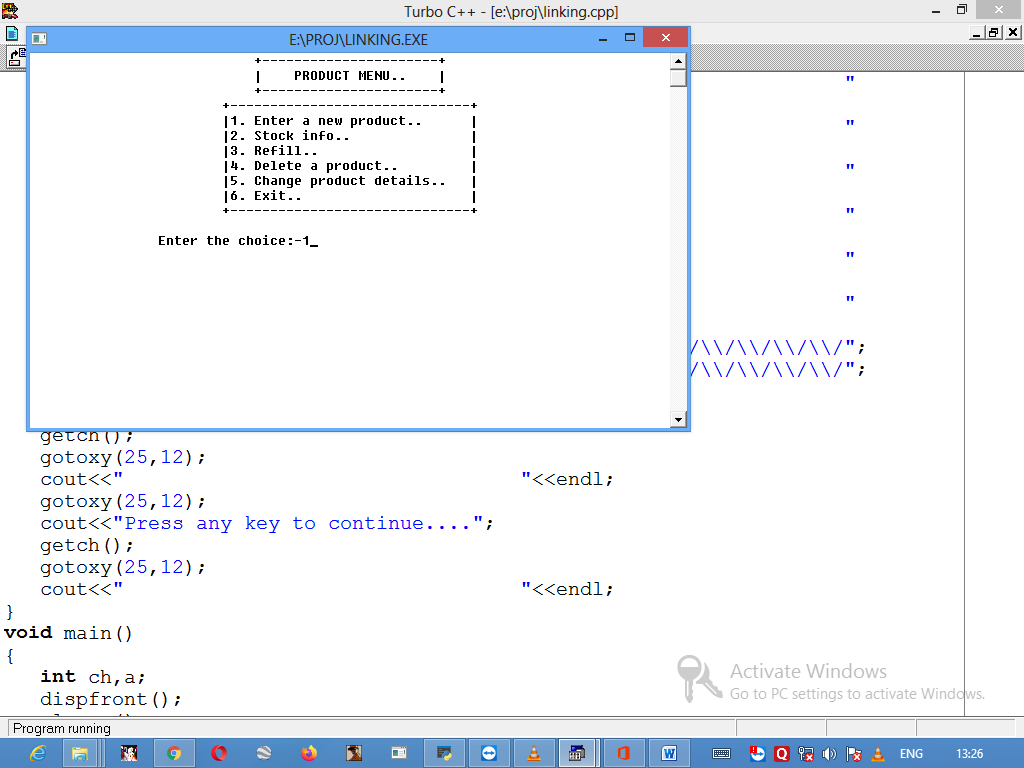


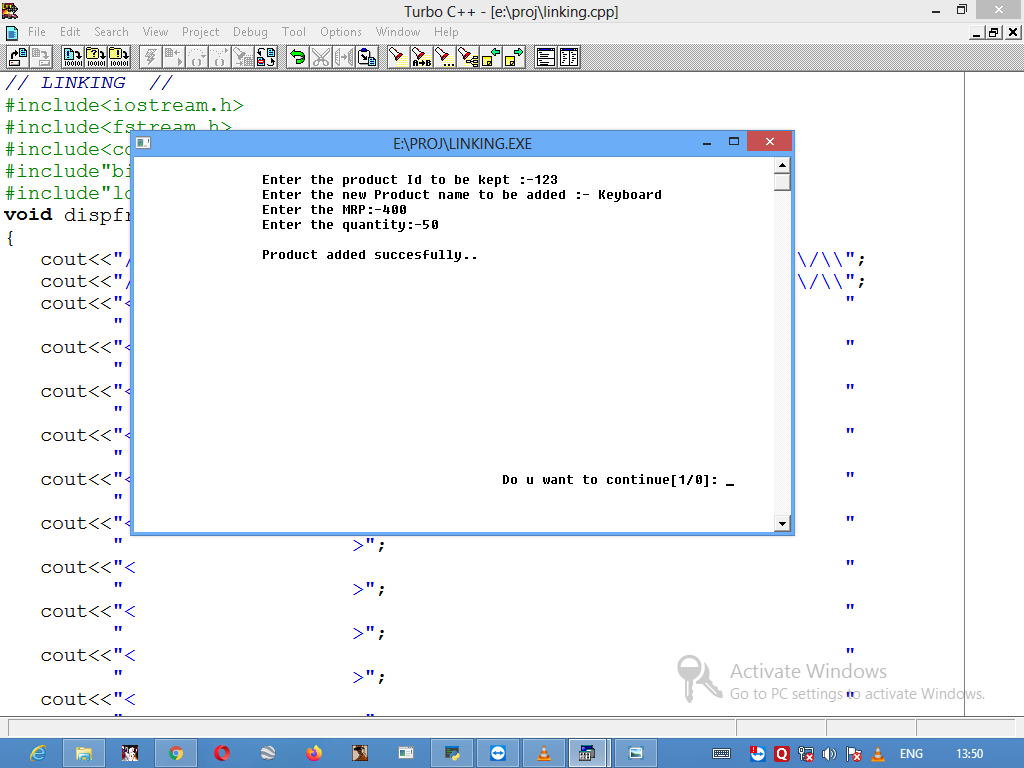


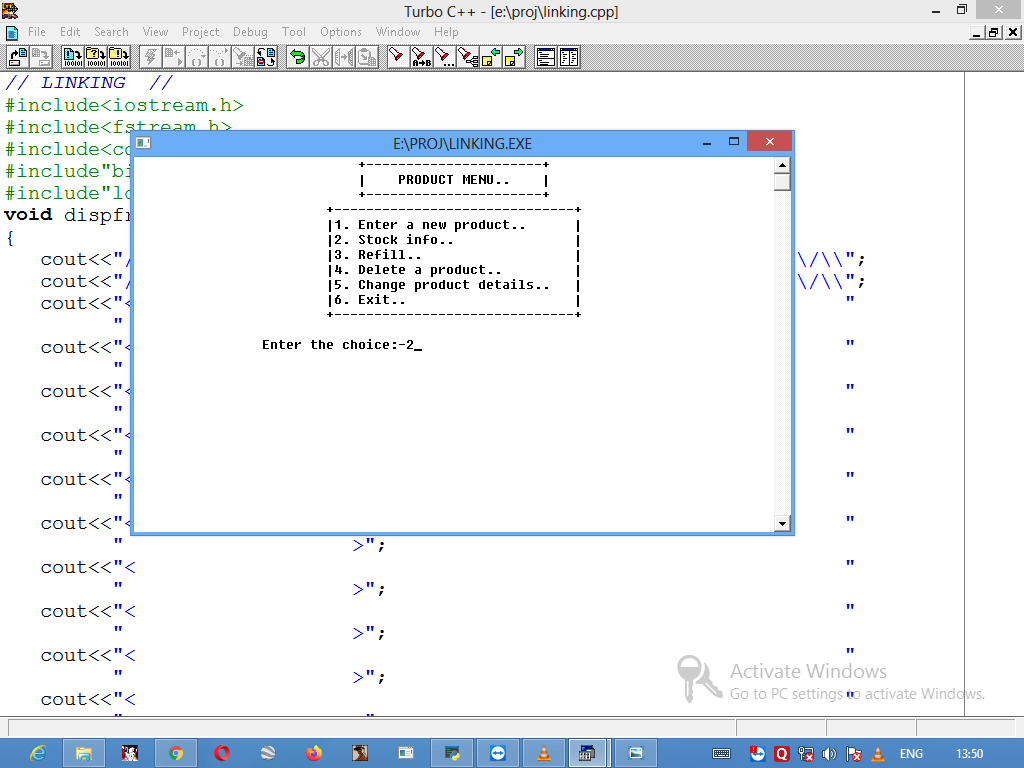


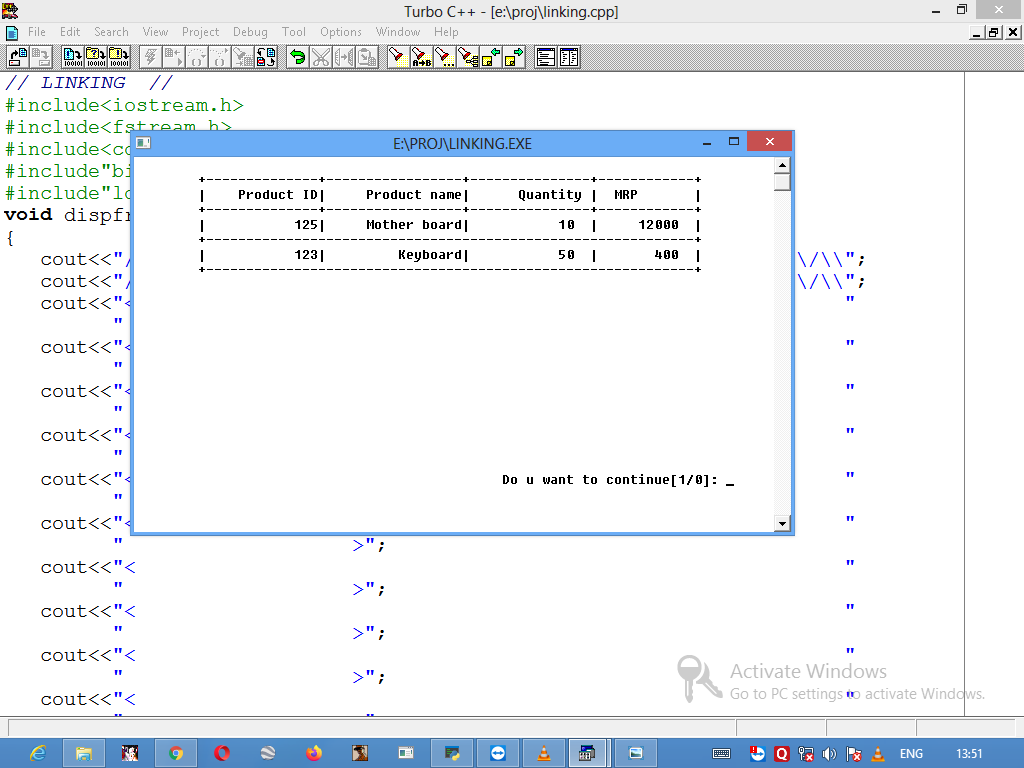


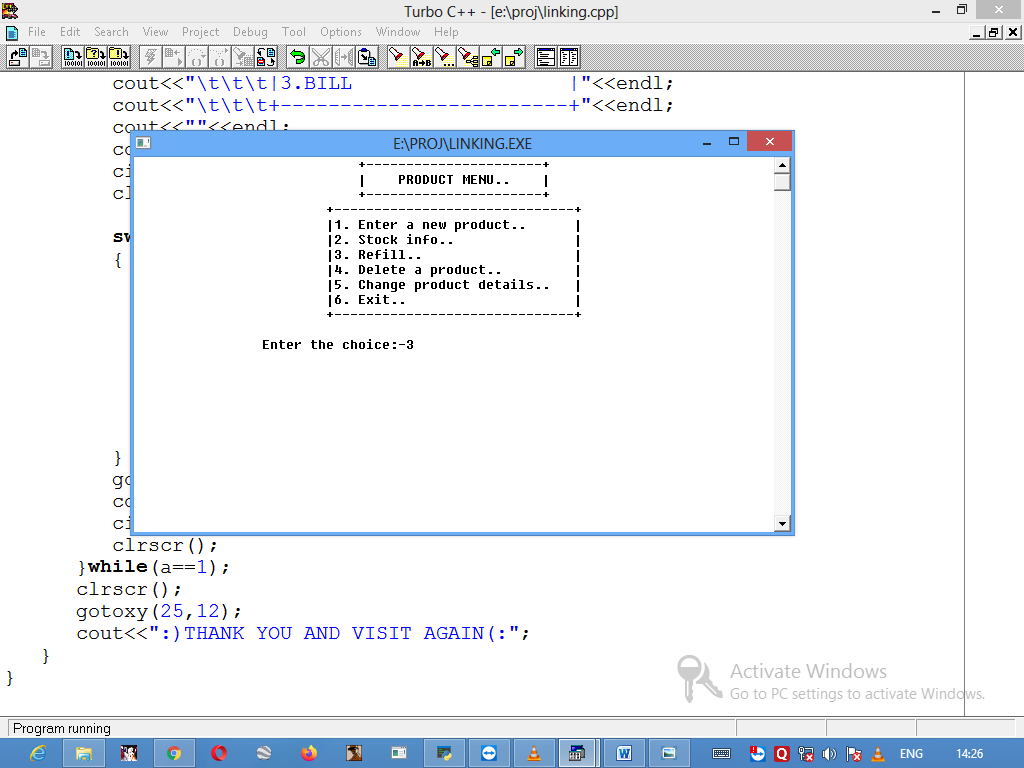


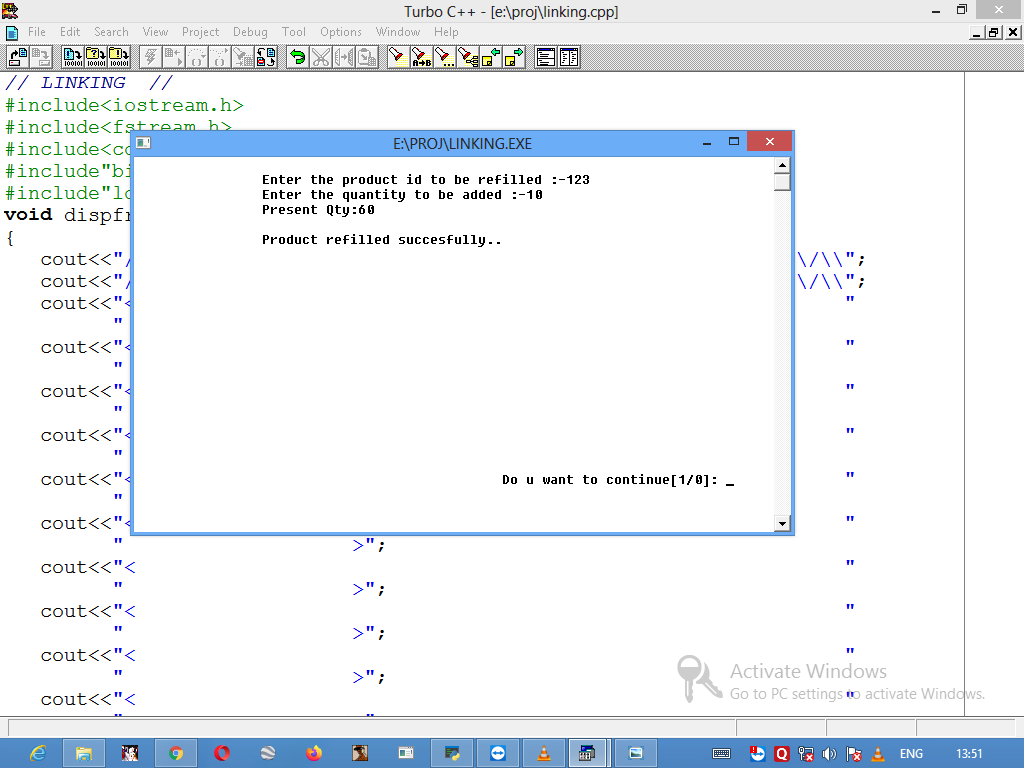


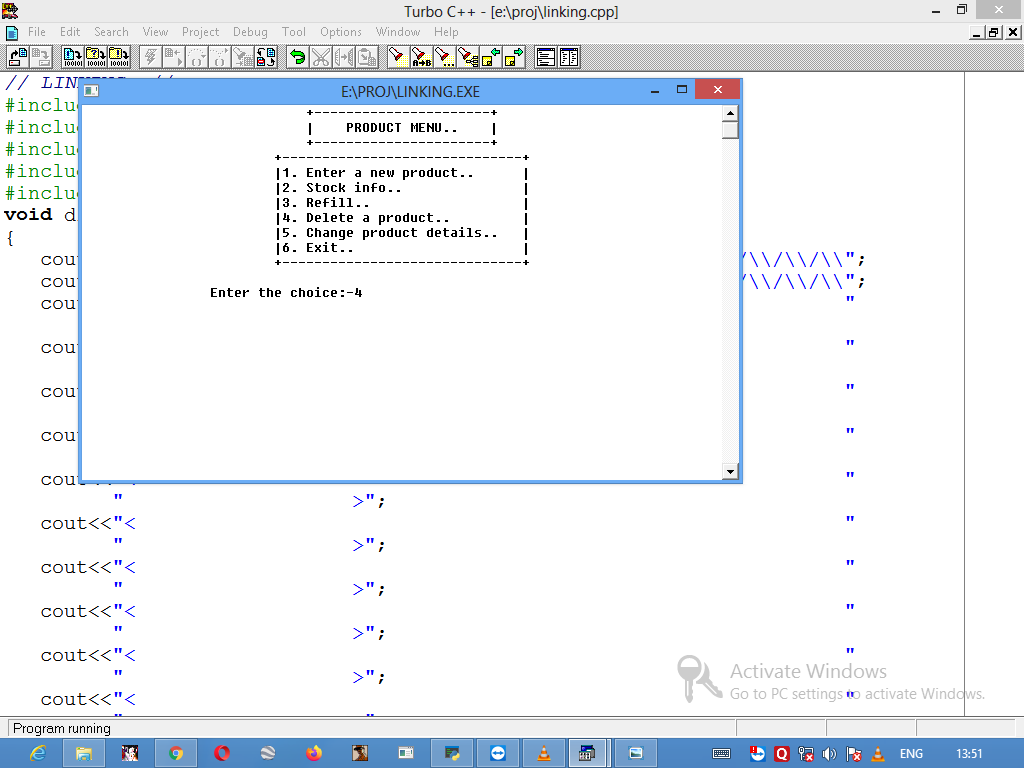


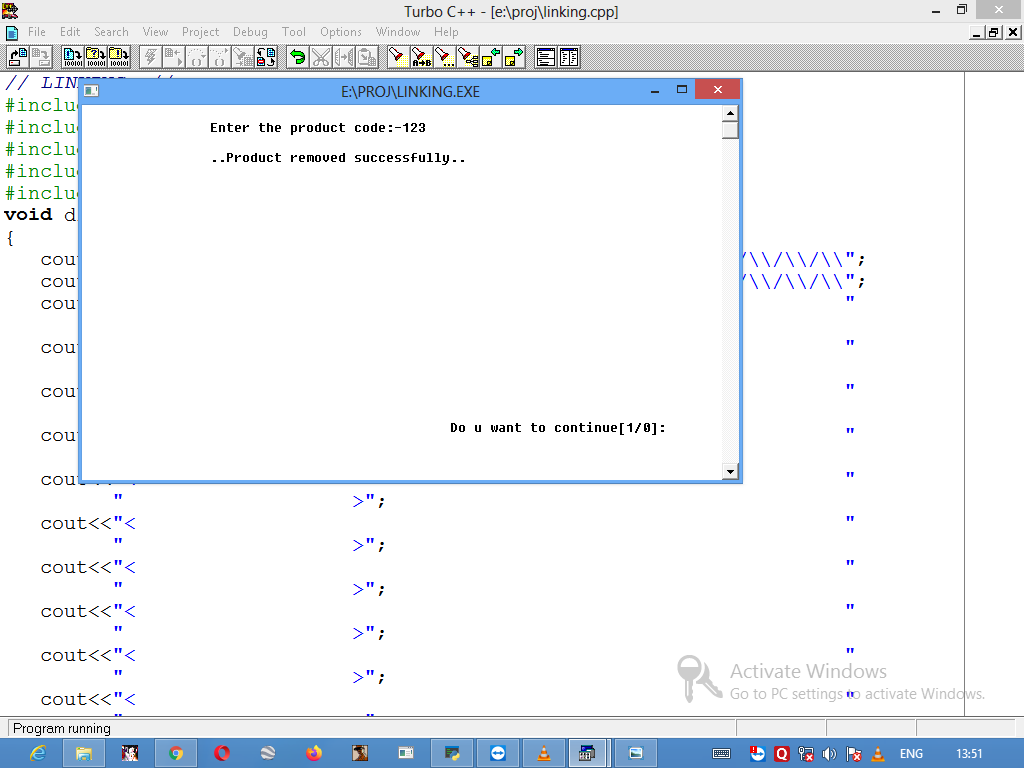












\