/\* -----------------------------BOOKWORM SHACK-----------------------------

PROJECT DONE BY-

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WHAT OUR PROJECT EXACTLY DOES?

Our program takes the user to go and surf various books of different genres.

Our project allows user to go to any section of books and can get information about any book(author and price)

and also buy it if they like it. The program will display the total bill along with costumer name after the user

is done with the shopping.

We also provide our costumers with different kind of offers and discounts.

What Data Structure did we use?

The data structure that we used is "struct". It helped us to store title, price and author name of the book in the

same variable rather that making three different arrays.

\*/

#include<iostream>

#include<stdio.h>

using namespace std;

int net\_price=0;

char username[200];

char firstshop='n';

void bill()//This function mainly does the billing and also applies discounts if eligible.

{

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<endl<<"Your total is Rs."<<net\_price<<endl;

bool dis1=false;

bool dis2=false;

bool dis3=false;

if(firstshop=='y')

{

net\_price=net\_price-(0.1\*net\_price);// giving costumer discount if he or she shops for the first time.

dis1=true;

}

if(net\_price>=1500 && net\_price<=2000 && firstshop=='n')

{

net\_price=net\_price-(0.12\*net\_price);

dis2=true;

}

if(net\_price>2000 && firstshop=='n')

{

net\_price=net\_price-(0.15\*net\_price);

dis3=true;

}

cout<<endl<<endl<<"Thank you "<<username<<" for shopping with BOOKWORM SHACK."<<endl<<endl;

if(dis1==true)

{

cout<<"Congrats!!! We have provided you with a discount of flat 10% as you are our new costumer."<<endl<<endl;

cout<<"Welcome to BOOKWORM SHACK family."<<endl<<endl;

cout<<"Your new total is Rs."<<net\_price<<endl<<endl;

}

if(dis2==true)

{

cout<<"Congrats!!! We have provided you with a discount of flat 12% as your net toatl is greater the Rs.1500."<<endl<<endl;

cout<<"Your new total is Rs."<<net\_price<<endl<<endl;

}

if(dis3==true)

{

cout<<"Congrats!!! We have provided you with a discount of flat 15% as your net toatl is greater the Rs.2000."<<endl<<endl;

cout<<"Your new total is Rs."<<net\_price<<endl<<endl;

}

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Please visit us again\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

}

void main\_menu()//This function displays the categories to the customer.

{

cout<<"--------MAIN MENU--------"<<endl;

cout<<"1. Fantasy"<<endl;

cout<<"2. Non Fiction"<<endl;

cout<<"3. Mystery/Thriller/Crime"<<endl;

cout<<"4. Children's books"<<endl;

cout<<"5. Autobiographies and Biographies"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"Enter the number of category you want to visit"<<endl;

}

int mystery()

{

struct book

{

char title[200];

int price;

char author[200];

};

int flag1;

char flag2;

int net=0;

struct book a={"Murder on the Orient Express",200,"Agatha Christie"};

struct book b={"Big Little Lies",350,"Liane Moriarty "};

struct book c={"The Silent Patient",150,"Alex Michaelides "};

struct book d={"Gone Girl",250,"Gillian Flynn "};

struct book e={"Da Vinci Code",200,"Dan Brown "};

struct book f={"The Girl with the Dragon Tattoo",150,"Stieg Larsson "};

struct book g={"Shutter Island",400,"Dennis Lehane "};

struct book h={"The Woman in White",200,"Wilkie Collins "};

struct book i={"A Study in Scarlet",150,"Arthur Conan Doyle "};

struct book j={"The thirteenth tale",1500,"Diane Setterfield "};

cout<<"--------MYSTERY/THRILLER/CHRIME--------"<<endl;

cout<<"1. Murder on the Orient Express"<<endl;

cout<<"2. Big Little Lies"<<endl;

cout<<"3. The Silent Patient"<<endl;

cout<<"4. Gone Girl"<<endl;

cout<<"5. Da Vinci Code"<<endl;

cout<<"6. The Girl with the Dragon Tattoo"<<endl;

cout<<"7. Shutter Island"<<endl;

cout<<"8. The Woman in White"<<endl;

cout<<"9. A Study in Scarlet"<<endl;

cout<<"10.The thirteenth tale"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

do {

cout<<"Enter the book no. you want to see"<<endl;

int book\_no;

cin>>book\_no;

switch(book\_no)

{

case 1:cout<<a.title<<endl;

cout<<"Price= Rs."<<a.price<<endl;

cout<<"Author - "<<a.author<<endl;

net=a.price;

break;

case 2:cout<<b.title<<endl;

cout<<"Price= Rs."<<b.price<<endl;

cout<<"Author - "<<b.author<<endl;

net=b.price;

break;

case 3:cout<<c.title<<endl;

cout<<"Price= Rs."<<c.price<<endl;

cout<<"Author - "<<c.author<<endl;

net=c.price;

break;

case 4:

cout<<d.title<<endl;

cout<<"Price= Rs."<<d.price<<endl;

cout<<"Author - "<<d.author<<endl;

net=d.price;

break;

case 5:

cout<<e.title<<endl;

cout<<"Price= Rs."<<e.price<<endl;

cout<<"Author - "<<e.author<<endl;

net=e.price;

break;

case 6:

cout<<f.title<<endl;

cout<<"Price= Rs."<<f.price<<endl;

cout<<"Author - "<<f.author<<endl;

net=f.price;

break;

case 7:

cout<<g.title<<endl;

cout<<"Price= Rs."<<g.price<<endl;

cout<<"Author- "<<g.author<<endl;

net=g.price;

break;

case 8:

cout<<h.title<<endl;

cout<<"Price= Rs."<<h.price<<endl;

cout<<"Author - "<<h.author<<endl;

net=h.price;

break;

case 9:

cout<<i.title<<endl;

cout<<"Price= Rs."<<i.price<<endl;

cout<<"Author - "<<i.author<<endl;

net=i.price;

break;

case 10:

cout<<j.title<<endl;

cout<<"Price= Rs."<<j.price<<endl;

cout<<"Author - "<<j.author<<endl;

net=j.price;

break;

default:cout<<"Wrong input"<<endl;

continue;

}

cout<<"ENTER 1 to buy the book."<<endl;

cin>>flag1;

if(flag1==1)

net\_price=net\_price+net;

cout<<"Enter y to continue shopping and b to go back to main menu."<<endl;

cin>>flag2;

}

while(flag2=='y');

return 0;

}

int non\_fiction()

{

struct book

{

char title[200];

int price;

char author[200];

};

int flag1;

char flag2;

int net=0;

struct book a={"Sapiens",200,"Yuval Noah Harrari "};

struct book b={"A Brief History Of Time ",300,"Stephen Hawkings "};

struct book c={"Far From The Tree ",550,"Andrew Solomon "};

struct book d={"Atomic Habits ",200,"James Clear "};

struct book e={"Who Moved My Cheese ",200,"Spencer Johnson "};

struct book f={"Outliers",400,"Malcolm Gladwell "};

struct book g={"The Sixth Extinction ",350,"Elizabeth Kolbert "};

struct book h={"A Room Of One's Own ",100,"Virginia Woolf "};

struct book i={"The Art Of War ",200,"Sun Tzu "};

struct book j={"The Emperor Of All Maladies ",400,"Siddhartha Mukherjee "};

cout<<"--------NON-FICTION--------"<<endl;

cout<<"1. Sapiens"<<endl;

cout<<"2. A Brief History Of Time "<<endl;

cout<<"3. Far From The Tree "<<endl;

cout<<"4. Atomic Habits "<<endl;

cout<<"5. Who Moved My Cheese "<<endl;

cout<<"6. Outliers"<<endl;

cout<<"7. The Sixth Extinction "<<endl;

cout<<"8. A Room Of One's Own "<<endl;

cout<<"9. The Art Of War "<<endl;

cout<<"10.The Emperor Of All Maladies "<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

do {

cout<<"Enter the book no. you want to see"<<endl;

int book\_no;

cin>>book\_no;

switch(book\_no)

{

case 1:cout<<a.title<<endl;

cout<<"Price= Rs."<<a.price<<endl;

cout<<"Author - "<<a.author<<endl;

net=a.price;

break;

case 2:cout<<b.title<<endl;

cout<<"Price= Rs."<<b.price<<endl;

cout<<"Author - "<<b.author<<endl;

net=b.price;

break;

case 3:cout<<c.title<<endl;

cout<<"Price= Rs."<<c.price<<endl;

cout<<"Author - "<<c.author<<endl;

net=c.price;

break;

case 4:

cout<<d.title<<endl;

cout<<"Price= Rs."<<d.price<<endl;

cout<<"Author - "<<d.author<<endl;

net=d.price;

break;

case 5:

cout<<e.title<<endl;

cout<<"Price= Rs."<<e.price<<endl;

cout<<"Author - "<<e.author<<endl;

net=e.price;

break;

case 6:

cout<<f.title<<endl;

cout<<"Price= Rs."<<f.price<<endl;

cout<<"Author - "<<f.author<<endl;

net=f.price;

break;

case 7:

cout<<g.title<<endl;

cout<<"Price= Rs."<<g.price<<endl;

cout<<"Author- "<<g.author<<endl;

net=g.price;

break;

case 8:

cout<<h.title<<endl;

cout<<"Price= Rs."<<h.price<<endl;

cout<<"Author - "<<h.author<<endl;

net=h.price;

break;

case 9:

cout<<i.title<<endl;

cout<<"Price= Rs."<<i.price<<endl;

cout<<"Author - "<<i.author<<endl;

net=i.price;

break;

case 10:

cout<<j.title<<endl;

cout<<"Price= Rs."<<j.price<<endl;

cout<<"Author - "<<j.author<<endl;

net=j.price;

break;

default:cout<<"Wrong input"<<endl;

continue;

}

cout<<"ENTER 1 to buy the book."<<endl;

cin>>flag1;

if(flag1==1)

net\_price=net\_price+net;

cout<<"Enter y to continue shopping and b to go back to main menu."<<endl;

cin>>flag2;

}

while(flag2=='y');

return 0;

}

int fantasy()

{

struct book

{

char title[200];

int price;

char author[200];

};

int flag1;

char flag2;

int net=0;

struct book a={"1Q84",645,"Haruki Murakami"};

struct book b={"The Hobbit",235,"J.R.R Tolkein"};

struct book c={"The lion, the witch and the wardrobe",200,"CS Lewis"};

struct book d={"A darker shade of Magic",560,"V.E Schwab"};

struct book e={"The Game of thrones",450,"R.R Martin"};

struct book f={"The Arabian Nights: Their Best-known Tales",300,"Kate Douglas ,Wiggin and Nora Archibald Smith"};

struct book g={"James and the Giant Peach",275,"Roald Dahl"};

struct book h={"Howl's moving castle",180,"Diana Wynne Jones"};

struct book i={"Alice in the wonderland",70,"Lewis Carroll"};

struct book j={"The Fifth Season",590,"N.K. Jemisin"};

cout<<"--------FANTASY--------"<<endl;

cout<<"1. 1Q84"<<endl;

cout<<"2. The Hobbit"<<endl;

cout<<"3. The lion, the witch and the wardrobe"<<endl;

cout<<"4. A darker shade of Magic"<<endl;

cout<<"5. The Game of thrones"<<endl;

cout<<"6. The Arabian Nights: Their Best-known Tales"<<endl;

cout<<"7. James and the Giant Peach"<<endl;

cout<<"8. Howl's moving castle"<<endl;

cout<<"9. Alice in the wonderland"<<endl;

cout<<"10.The Fifth Season"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

do {

cout<<"Enter the book no. you want to see"<<endl;

int book\_no;

cin>>book\_no;

switch(book\_no)

{

case 1:cout<<a.title<<endl;

cout<<"Price= Rs."<<a.price<<endl;

cout<<"Author - "<<a.author<<endl;

net=a.price;

break;

case 2:cout<<b.title<<endl;

cout<<"Price= Rs."<<b.price<<endl;

cout<<"Author - "<<b.author<<endl;

net=b.price;

break;

case 3:cout<<c.title<<endl;

cout<<"Price= Rs."<<c.price<<endl;

cout<<"Author - "<<c.author<<endl;

net=c.price;

break;

case 4:

cout<<d.title<<endl;

cout<<"Price= Rs."<<d.price<<endl;

cout<<"Author - "<<d.author<<endl;

net=d.price;

break;

case 5:

cout<<e.title<<endl;

cout<<"Price= Rs."<<e.price<<endl;

cout<<"Author - "<<e.author<<endl;

net=e.price;

break;

case 6:

cout<<f.title<<endl;

cout<<"Price= Rs."<<f.price<<endl;

cout<<"Authors - "<<f.author<<endl;

net=f.price;

break;

case 7:

cout<<g.title<<endl;

cout<<"Price= Rs."<<g.price<<endl;

cout<<"Author- "<<g.author<<endl;

net=g.price;

break;

case 8:

cout<<h.title<<endl;

cout<<"Price= Rs."<<h.price<<endl;

cout<<"Author - "<<h.author<<endl;

net=h.price;

break;

case 9:

cout<<i.title<<endl;

cout<<"Price= Rs."<<i.price<<endl;

cout<<"Author - "<<i.author<<endl;

net=i.price;

break;

case 10:

cout<<j.title<<endl;

cout<<"Price= Rs."<<j.price<<endl;

cout<<"Author - "<<j.author<<endl;

net=j.price;

break;

default:cout<<"Wrong input"<<endl;

continue;

}

cout<<"ENTER 1 to buy the book."<<endl;

cin>>flag1;

if(flag1==1)

net\_price=net\_price+net;

cout<<"Enter y to continue shopping and b to go back to main menu."<<endl;

cin>>flag2;

}

while(flag2=='y');

return 0;

}

int autobiography()

{

struct book//creating a structure to store title ,price and author of the book

{

char title[200];

int price;

char author[200];

};

int flag1;

char flag2;

int net=0;

struct book a={"Mein Kamph",200,"Adolf hitler"};

struct book b={"Long Walk to Freedom",490,"Nelson Mandela"};

struct book c={"The Story of My Experiments with Truth",340,"Mahatma Gandhi"};

struct book d={"The Diary of a Young Girl",175,"Anne Frank "};

struct book e={"Wings of Fire",208,"A.P.J. Abdul Kalam"};

struct book f={"The Story of my life",130,"Helen Keller"};

struct book g={"Moonwalk",900,"Michael Jackson "};

struct book h={"Playing It My Way ",344,"Sachin Tendulkar"};

struct book i={"Freedom in Exile ",350,"Dalai Lama"};

struct book j={"Baburnama",820,"Babur"};

cout<<"--------Autobiographies and Biographies--------"<<endl;

cout<<"1. Mein Kamph"<<endl;

cout<<"2. Long Walk to Freedom"<<endl;

cout<<"3. The Story of My Experiments with Truth"<<endl;

cout<<"4. The Diary of a Young Girl"<<endl;

cout<<"5. Wings of Fire "<<endl;

cout<<"6. The Story of my life"<<endl;

cout<<"7. Moonwalk"<<endl;

cout<<"8. Playing It My Way "<<endl;

cout<<"9. Freedom in Exile "<<endl;

cout<<"10.Baburnama"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

do {

cout<<"Enter the book no. you want to see"<<endl;

int book\_no;

cin>>book\_no;

switch(book\_no)

{

case 1:cout<<a.title<<endl;

cout<<"Price= Rs."<<a.price<<endl;

cout<<"Author - "<<a.author<<endl;

net=a.price;

break;

case 2:cout<<b.title<<endl;

cout<<"Price= Rs."<<b.price<<endl;

cout<<"Author - "<<b.author<<endl;

net=b.price;

break;

case 3:cout<<c.title<<endl;

cout<<"Price= Rs."<<c.price<<endl;

cout<<"Author - "<<c.author<<endl;

net=c.price;

break;

case 4:

cout<<d.title<<endl;

cout<<"Price= Rs."<<d.price<<endl;

cout<<"Author - "<<d.author<<endl;

net=d.price;

break;

case 5:

cout<<e.title<<endl;

cout<<"Price= Rs."<<e.price<<endl;

cout<<"Author - "<<e.author<<endl;

net=e.price;

break;

case 6:

cout<<f.title<<endl;

cout<<"Price= Rs."<<f.price<<endl;

cout<<"Author - "<<f.author<<endl;

net=f.price;

break;

case 7:

cout<<g.title<<endl;

cout<<"Price= Rs."<<g.price<<endl;

cout<<"Author- "<<g.author<<endl;

net=g.price;

break;

case 8:

cout<<h.title<<endl;

cout<<"Price= Rs."<<h.price<<endl;

cout<<"Author - "<<h.author<<endl;

net=h.price;

break;

case 9:

cout<<i.title<<endl;

cout<<"Price= Rs."<<i.price<<endl;

cout<<"Author - "<<i.author<<endl;

net=i.price;

break;

case 10:

cout<<j.title<<endl;

cout<<"Price= Rs."<<j.price<<endl;

cout<<"Author - "<<j.author<<endl;

net=j.price;

break;

default: cout<<"Wrong input"<<endl;

continue;

}

cout<<"ENTER 1 to buy the book."<<endl;

cin>>flag1;

if(flag1==1)

net\_price=net\_price+net;

cout<<"Enter y to continue shopping and b to go back to main menu."<<endl;

cin>>flag2;

}

while(flag2=='y');

return 0;

}

int children()

{

struct book

{

char title[200];

int price;

char author[200];

};

int flag1;

char flag2;

int net=0;

struct book a={"Harry Potter and the Sorcerer's Stone",300,"J.K. Rowling"};

struct book b={"The Jungle Book",99,"Rudyard Kipling"};

struct book c={"Treasure Island",100,"Robert Stevenson"};

struct book d={"Stuart Little",220,"E.B. White"};

struct book e={"Charlie and the Chocolate Factory",339,"Roald Dahl"};

struct book f={"The Velveteen Rabbit",250,"Margery Williams"};

struct book g={"Peter Pan",180,"Matthew Barrie"};

struct book h={"Gulliver Travels",240,"Jonathan Swift"};

struct book i={"Pinocchio",150,"Carlo Collodi"};

struct book j={"The Secret Garden",120,"Frances Hodgson"};

cout<<"--------Children's section--------"<<endl;

cout<<"1. Harry Potter and the Sorcerer's Stone"<<endl;

cout<<"2. The Jungle Book"<<endl;

cout<<"3. Treasure Island"<<endl;

cout<<"4. Stuart Little"<<endl;

cout<<"5. Charlie and the Chocolate Factory"<<endl;

cout<<"6. The Velveteen Rabbit"<<endl;

cout<<"7. Peter Pan"<<endl;

cout<<"8. Gulliver Travels"<<endl;

cout<<"9. Pinocchio"<<endl;

cout<<"10.The Secret Garden"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

do {

cout<<"Enter the book no. you want to see"<<endl;

int book\_no;

cin>>book\_no;

switch(book\_no)

{

case 1:cout<<a.title<<endl;

cout<<"Price= Rs."<<a.price<<endl;

cout<<"Author - "<<a.author<<endl;

net=a.price;

break;

case 2:cout<<b.title<<endl;

cout<<"Price= Rs."<<b.price<<endl;

cout<<"Author - "<<b.author<<endl;

net=b.price;

break;

case 3:cout<<c.title<<endl;

cout<<"Price= Rs."<<c.price<<endl;

cout<<"Author - "<<c.author<<endl;

net=c.price;

break;

case 4:cout<<d.title<<endl;

cout<<"Price= Rs."<<d.price<<endl;

cout<<"Author - "<<d.author<<endl;

net=d.price;

break;

case 5:cout<<e.title<<endl;

cout<<"Price= Rs."<<e.price<<endl;

cout<<"Author - "<<e.author<<endl;

net=e.price;

break;

case 6:cout<<f.title<<endl;

cout<<"Price= Rs."<<f.price<<endl;

cout<<f.author<<endl;

net=f.price;

break;

case 7:cout<<g.title<<endl;

cout<<"Price= Rs."<<g.price<<endl;

cout<<"Author - "<<g.author<<endl;

net=g.price;

break;

case 8:cout<<h.title<<endl;

cout<<"Price= Rs."<<h.price<<endl;

cout<<"Author - "<<h.author<<endl;

net=h.price;

break;

case 9:cout<<i.title<<endl;

cout<<"Price= Rs."<<i.price<<endl;

cout<<"Author - "<<i.author<<endl;

net=i.price;

break;

case 10:cout<<j.title<<endl;

cout<<"Price= Rs."<<j.price<<endl;

cout<<"Author - "<<j.author<<endl;

net=j.price;

break;

default:cout<<"Wrong input"<<endl;

continue;

}

cout<<"ENTER 1 to buy the book."<<endl;

cin>>flag1;

if(flag1==1)

net\_price=net\_price+net;

cout<<"Enter y to continue shopping in this section and b to go back to main menu."<<endl;

cin>>flag2;

}

while(flag2=='y');

return 0;

}

int main()

{

//char username[200];//constumer's name is stored here

cout<<"--------------------WELCOME to BOOKWORM SHACK---------------------"<<endl<<endl;

cout<<"HELLO!!!"<<endl;

cout<<"We provide you with various varieties of books of different genres."<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"!!!!!!!!!!OFFERS!!!!!!!!!!"<<endl<<"1. Get flat 10% off if you are a new costumer"<<endl;

cout<<"2. Get flat 12% off for order over Rs.1500(for old customers)"<<endl;

cout<<"3. Get flat 15% off for order over Rs.2000(for old customers)"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"Let's get started"<<endl<<endl;

cout<<"Kindly enter your name:- ";

cin>>username;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"Are you shopping with us for the first time?(press y for yes and n for no)"<<endl;

cin>>firstshop;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

int cat;//variable to accept the category number

int flag3;

cout<<endl<<"Choose your category"<<endl;

main\_menu();//in this function, the menu of categories is shown

do{

cin>>cat;

switch(cat)

{

case 1: fantasy();

break;

case 2: non\_fiction();

break;

case 3: mystery();

break;

case 4: children();

break;

case 5: autobiography();

break;

default: cout<<"invalid :("<<endl;

break;

}

cout<<"Enter 1 to continue shopping from main menu or else 0 to exit."<<endl;

cin>>flag3;

if(flag3==1)

main\_menu();

}

while(flag3==1);

bill();

}