#include<stdio.h> // Standard in-put & out-put functions like printf, scanf.

#include<conio.h> // clrscr, getch functions.

#include<string.h> // String Library functions like strcmp , strstr, strlen.....etc.

#include<stdlib.h> // Standard Library functions like abs, max, exit......etc.

void title(); // Title of the e-book shopping.

void login\_account(); // Login to your account.

void create\_account(); // Create a new account.

void customer\_details(); // Customers in ebook shopping.

void all\_ebooks(); // Different categories in ebooks.

void search\_books(); // To search a book.

void payment(); // Cash on delivery & online payment.

void atm\_cards(); // Debit card & Credit card options.

void down\_buy\_books(); // Download & Buy a ebook options.

void engineering\_books();// Different Engineering ebooks.

void cse\_books(); // Cse ebooks.

void ece\_books(); // Ece ebooks.

void civil\_books(); // Civil ebooks.

void mech\_books(); // Mech ebooks.

void eee\_books(); // Eee ebooks.

void children\_books(); // Children ebooks.

void business\_books(); // Business ebooks.

void suggest\_books(); // Suggest a book.

void book\_num(); // Book Numbers (1-10).

void buy\_book(); // Buy a Book.

void down\_bar(); // Download Loading Bar.

void card\_num(); // Debit card & Credit cards Details.

void back\_menus(); // Different Back & Main Menus.

struct user // Structure Declaration.

{

char uname[10]; // Structure uname.

char pwd[10]; // Structure pwd.

}u;

char user[20],pwd[20];

char books[200][200]={"cprogramming by E.balagur Swamy cost is:350","oop's through c++ by E.balaguru swamy cost is:335","r For Every One by inder,pearson cost is:500","pythonprogramming by vamsi kurama,pearson cost is:300","datastructures by mark allen weiss cost is:400","javaprogramming by E.balaguru swamy cost is:350 ","softwareengineering by rajib mall cost is:435","computerorganization by carl hamacher cost is:500 ","webtechnologies by uttam K roy cost is:650","computernetworks by A.forouzan,firouz mosharrf cost is:600"};

char name[50],addrs[50],phnum[10],readbook[50],suggest\_book[20],name1[20],cardnum[16],month\_year[6],cvv[3],date\_birth[8],ch;

int op1,op2,op3,op4,op5,op6,op7,op8,op9,op10,op11,op12,op13,op14,r1,i=0,j=0,k=0,r2,booknum,bnum,n,ctr=0;

FILE\*f;

void main() // main() of program.

{

clrscr(); // Clear the Screen.

title(); // Calling of Title.

textcolor(MAGENTA);

cprintf("|==============================================================================|");

textcolor(RED);

cprintf("| ABOUT E-BOOK SHOPPING:- |");

textcolor(GREEN);

cprintf("|ELECTRONIC BOOK (e-book) is a book publication made available in |");

cprintf("| digital form consisting of text ,images, or both readable on the flat-panel |");

cprintf("| display of computers or other electronic devices. It is same as online book |");

cprintf("| store. This project focuses attention on designing efficient and reliable |");

cprintf("| softwar whitch controls the transactions of a book shop in real world. |");

cprintf("| |");

textcolor(RED);

cprintf("| EXPLORE:- |");

textcolor(GREEN);

cprintf("| In this project different categories books available like Engineering |");

cprintf("| books,Business books & Children books and we have different options Download |");

cprintf("| Sample book ,Download a Full book ,Search eBooks, Buy a book, Suggest book. |");

textcolor(RED);

cprintf("| |");

cprintf("| \*\*\*LOW PRICE GREAT SELECTION\*\*\* |");

cprintf("| |");

textcolor(MAGENTA);

cprintf("|==============================================================================|");

label1: // Label Declaration.

textcolor(YELLOW);

cprintf("\nEnter 1 for go to next page:");

scanf("%d",&n);

if(n==1)

{

label3: // Label Calling.

clrscr();

title();

textcolor(RED);

cprintf("1.CREATE ACCOUNT ");

cprintf("2.LOGIN ");

cprintf("3.CUSTOMERS LIST ");

cprintf("0.EXIT ");

}

else

{

textcolor(LIGHTRED);

cprintf("Enter 1 only. ");

goto label1;

}

label2:

textcolor(YELLOW);

cprintf("Enter your option(1-3):");

scanf("%d",&op1);

switch(op1) // Switch for Different case.

{

case 1:

clrscr();

title();

create\_account(); // Calling function for Create Account.

textcolor(RED);

cprintf("Your account is successfully created.");

delay(2000); // Delay the next statement with in mensition time.

clrscr();

title();

textcolor(CYAN);

cprintf("Now you are login to your account. ");

login\_account(); // Calling function for Login Account.

break;

case 2:

clrscr();

title();

login\_account();

break;

case 3:

customer\_details(); // Calling function for Customer Details.

label4:

textcolor(CYAN);

cprintf("Enter 1 for goto to back menu:");

scanf("%d",&n);

if(n==1)

{

goto label3;

}

else

{

textcolor(LIGHTBLUE);

cprintf("Enter correct option. ");

goto label4;

}

case 0:

textcolor(MAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0); // To exit the switch.

case 7:

f=fopen("user.dat","wb");

fclose(f);

textcolor(GREEN);

cprintf("All users are deleted.");

break;

default:

textcolor(LIGHTCYAN); // Add colour to the out-put text.

cprintf("Invalid option. ");

cprintf("Enter correct option. ");

goto label2;

}

getch(); // To get a single character from the keyboard.

}

void title() // Called function for Title.

{

textcolor(GREEN); // Add colour to the out-put text.

cprintf("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*E-BOOK SHOPPING\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

textcolor(LIGHTBLUE);

cprintf(" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \t\t\t ");

}

void create\_account() // Called function for Create Acoount.

{

struct user u;

f=fopen("user.dat","ab+");

textcolor(MAGENTA);

cprintf("Create user name:");

scanf("%s",&u.uname);

textcolor(MAGENTA);

cprintf("Create your password:");

scanf("%s",&u.pwd);

fwrite(&u,sizeof(struct user),1,f);

fclose(f);

}

void login\_account() // Called function for Login Account.

{

int ctr=0;

char user[10],pwd[20];

struct user u;

textcolor(MAGENTA);

cprintf("Enter user name:");

scanf("%s",&user);

f=fopen("user.dat","rb+");

while( (fread(&u,sizeof(struct user),1,f))==1)

{

if(strcmp(user,u.uname)==0) // To check user name correct or not.

{

ctr=1;

textcolor(MAGENTA);

cprintf("Enter your password:");

scanf("%s",&pwd);

if(strcmp(pwd,u.pwd)==0) // To check password correct or not.

{

ctr+=2;

textcolor(BROWN);

cprintf("CHECKING..........PLZ WAIT ");

for(i=0;i<=26;i++)

{

textcolor(LIGHTBLUE);

cprintf("%3c",221);

delay(200);

}

textcolor(RED);

printf("You are login successfully...... ");

textcolor(MAGENTA);

cprintf("LOADING...........PLZ WAIT ");

delay(2000);

clrscr();

title();

textcolor(GREEN);

cprintf("WELCOME TO E-BOOK SHOPPING! ");

all\_ebooks();

}

}

}

if(ctr==0)

{

textcolor(MAGENTA); //Add colour to the out-put text.

cprintf("User not exit. ");

textcolor(CYAN);

i++;

if(i==3)

{

textcolor(GREEN);

cprintf("SORRYTRYAGAIN");

delay(3000);

exit(0);

}

cprintf("PLease enter correct user name. ");

login\_account();

}

if(ctr==1)

{

textcolor(MAGENTA); //Add colour to the out-put text

cprintf("Incorrect password. ");

textcolor(CYAN);

cprintf("PLease enter correct user and password. ");

login\_account();

}

fclose(f);

}

void customer\_details() // Called function for Customer Details.

{

int i=1;

struct user u;

clrscr();

title();

textcolor(GREEN);

cprintf("CUSTOMERS LIST IS: ");

f=fopen("user.dat","ab+");

while((fread(&u,sizeof(struct user),1,f))==1)

{

textcolor(MAGENTA);

cprintf("%d.%s %s",i,u.uname,"INDIA");

i++;

printf("\n");

}

fclose(f); // Close the File f.

}

void all\_ebooks() // Called function for All ebooks.

{

textcolor(RED);

cprintf("1.SEARCH eBOOKS ");

textcolor(CYAN);

cprintf("DIFFERENT CATEGORIES IN eBOOKS:- ");

textcolor(RED);

cprintf("2.ENGINEERING BOOKS ");

cprintf("3.BUSINESS BOOKS ");

cprintf("4.CHILDREN BOOKS ");

cprintf("0.EXIT ");

label5:

textcolor(YELLOW);

cprintf("Enter your option(1-5):");

scanf("%d",&op2);

switch(op2)

{

case 1:

search\_books(); // Calling function for Search books.

break;

case 2:

clrscr();

title();

engineering\_books(); // Calling function foe Engineering books.

break;

case 3:

business\_books(); // Calling function for Business books.

down\_buy\_books(); // Calling function for Down & Buy books.

back\_menus(); // Calling function for Back menus.

break;

case 4:

children\_books(); // Calling function for Children books.

down\_buy\_books();

back\_menus();

break;

case 0:

textcolor(MAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0);

default:

textcolor(LIGHTCYAN);

cprintf("Invalid option. ");

cprintf("Enter a number which category books you want. ");

goto label5;

}

}

void search\_books() // Called function for Search books.

{

clrscr();

title();

textcolor(LIGHTGREEN);

cprintf("Enter book name without any spaces:");

scanf("%s",&readbook);

textcolor(LIGHTCYAN);

cprintf("Searching..... ");

for(i=0;i<10;i++)

{

k=0;

if(strstr(books[i],readbook)!='\0') // To check the Search book in ebooks or not.

{

printf("THE BOOHK IS::%d.%s\n",i,books[i]);

k++;

break;

}

}

if(k==0)

{

textcolor(LIGHTGREEN);

cprintf("Sorry ,the book is not available in ebooks. ");

}

else

{

for(i=0;i<=10;i++)

{

down\_buy\_books();

}

}

textcolor(RED);

cprintf("1.SUGGEST A BOOK ");

cprintf("2.GO TO BACK MENU ");

cprintf("3.EXIT ");

label6:

printf("Enter your option(1-3):");

scanf("%d",&op5);

switch(op5)

{

case 1:

clrscr();

title();

label7:

textcolor(LIGHTMAGENTA);

cprintf("Enter suggest book name without any spaces:");

scanf("%s",&suggest\_book);

for(i=0;suggest\_book[i]!='\0';i++)

{

if((suggest\_book[i]>='a' && suggest\_book[i]<='z') || (suggest\_book[i]>='A' && suggest\_book[i]<='Z'))

{ //To check given string collection of alphaberts or not.

textcolor(BROWN);

cprintf("Thank you for suggesting. ");

cprintf("I will try to add this book with in 24 Hours. ");

}

else

{

textcolor(LIGHTCYAN);

cprintf("The book name contains only alphabets. ");

goto label7; //goto re\_enter\_lastname label.

}

textcolor(RED);

cprintf("1.GO TO BACK MENU ");

cprintf("0.EXIT ");

label8:

textcolor(YELLOW);

cprintf("Enter your option((1-2):");

scanf("%d",&op6);

switch(op6)

{

case 1:

clrscr();

title();

all\_ebooks();

break;

case 0:

textcolor(LIGHTMAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0);

default:

textcolor(LIGHTCYAN);

cprintf("Invalid option");

cprintf("Enter correct option.");

goto label8;

}

}

break;

case 2:

clrscr();

title();

all\_ebooks(); //calling function for all branch books.

break;

case 0:

textcolor(LIGHTMAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0);

default:

printf("Enter a valid option.");

goto label6;

}

}

void engineering\_books() //Called function for engineering books.

{

textcolor(LIGHTGREEN);

cprintf("DIFFERENT ENGINEERING BRANCH BOOKS:- ");

textcolor(RED);

cprintf("1.CSE BOOKS ");

cprintf("2.ECE BOOKS ");

cprintf("3.CIVIL BOOKS ");

cprintf("4.MECH BOOKS ");

cprintf("5.EEE BOOKS ");

cprintf("6.GO TO BACK MENU ");

cprintf("0.EXIT ");

label9:

textcolor(YELLOW);

cprintf("Enter your option(1-6):");

scanf("%d",&op3);

switch(op3) //switch for different cases.

{

case 1:

cse\_books(); //calling function for cse books.

down\_buy\_books();

back\_menus();

break;

case 2:

ece\_books(); //calling function for ece books.

down\_buy\_books();

back\_menus();

break;

case 3:

civil\_books(); //calling function for civil books.

down\_buy\_books();

back\_menus();

break;

case 4:

mech\_books(); //calling function for mech books.

down\_buy\_books();

back\_menus();

break;

case 5: //calling function for eee books.

eee\_books();

down\_buy\_books();

back\_menus();

break;

case 6:

clrscr();

title();

all\_ebooks();

break;

case 0:

textcolor(LIGHTMAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0); //To exit the switch.

default:

textcolor(LIGHTCYAN);

cprintf("Invalid option. ");

cprintf("Enter a number which branch books you want. ");

goto label9;

}

}

void book\_num()

{

label10:

textcolor(GREEN);

cprintf("Enter book number(1-10):");

scanf("%d",&booknum);

if(booknum>=10) //Book number is <=10 then goto next staements.

{

printf("Enter a valid book number.\n");

goto label10;

}

}

void down\_buy\_books() // Called function for Down & Buy Books.

{

textcolor(RED);

cprintf("1.DOWNLOAD SAMPLE BOOK ");

cprintf("2.DOWNLOAD FULL BOOK ");

cprintf("3.BUY A BOOK ");

cprintf("4.SUGGEST A BOOK ");

cprintf("5.GO TO BACK MENU ");

cprintf("0.EXIT ");

label11:

textcolor(YELLOW);

cprintf("Enter your option(1-6):");

scanf("%d",&op4);

i++;

switch(op4) //switch for different cases.

{

case 1:

book\_num();

clrscr();

title();

down\_bar();

if(op2==1)

{

textcolor(LIGHTGREEN);

cprintf("The download sample book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Search Books ");

}

else

{

if(op2==3)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Sample Book/Business Books ");

}

else

{

if(op2==4)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Sample Book/Children Books ");

}

else

{

if(op3==1)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Sample Book/Cse Books ");

}

else

{

if(op3==2)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Sample Book/Ece Books ");

}

else

{

if(op3==3)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Sample Book/Civil Books ");

}

else

{

if(op3==4)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Sample Book/Mech Books ");

}

else

{

if(op3==5)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Sample Book/Eee Books ");

}

}

}

}

}

}

}

}

break;

case 2:

book\_num();

clrscr();

title();

atm\_cards();

clrscr();

title();

down\_bar();

if(op2==1)

{

textcolor(LIGHTGREEN);

cprintf("The download sample book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Search Books ");

}

else

{

if(op2==3)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Full Book/Business Books ");

}

else

{

if(op2==4)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Full Book/Children Books ");

}

else

{

if(op3==1)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Full Book/Cse Books ");

}

else

{

if(op3==2)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Full Book/Ece Books ");

}

else

{

if(op3==3)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Full Book/Civil Books ");

}

else

{

if(op3==4)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Full Book/Mech Books ");

}

else

{

if(op3==5)

{

textcolor(LIGHTGREEN);

cprintf("The downloaded book is available in the below path: ");

textcolor(LIGHTBLUE);

cprintf("C:/Users/Ramanjaneyulu/Downloads/Full Book/Eee Books ");

}

}

}

}

}

}

}

}

break;

case 3:

book\_num();

clrscr();

title();

payment();

break;

case 4:

clrscr();

title();

suggest\_books();

back\_menus();

break;

case 5:

clrscr();

title();

if(op2==1 || op2==3 || op2==4)

{

all\_ebooks();

}

else

{

if(op3==1 || op3==2 || op3==3 || op3==4 || op3==5)

{

engineering\_books();

}

}

break;

case 0:

textcolor(LIGHTMAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0); //To exit the switch.

default:

textcolor(LIGHTCYAN);

cprintf("Invalid option. ");

cprintf("Enter correct option. ");

goto label11;

}

}

void payment() // Called function for Payment.

{

textcolor(RED);

cprintf("1.CASH ON DELIVERY ");

cprintf("2.ONLINE PAYMENT ");

cprintf("3.GO TO BACK MENU ");

cprintf("0.EXIT ");

label12:

textcolor(YELLOW);

cprintf("Enter your option(1-4):");

scanf("%d",&op13);

switch(op13)

{

case 1:

clrscr();

title();

buy\_book();

break;

case 2:

textcolor(BROWN);

clrscr();

title();

atm\_cards();

clrscr(); // Clear the out-put screen.

title();

buy\_book();

break;

case 3:

clrscr();

title();

all\_ebooks(); // Calling function for all ebooks.

break;

case 0:

textcolor(LIGHTMAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0); // To exit the switch.

default:

textcolor(LIGHTCYAN);

cprintf("Invalid option. ");

goto label12;

}

}

void atm\_cards() // Called function for ATM Cards.

{

clrscr();

title();

textcolor(RED);

cprintf("1.CREDIT CARD ");

cprintf("2.DEBIT CARD ");

cprintf("3.GO TO BACK MENU ");

cprintf("0.EXIT ");

label13:

textcolor(YELLOW);

cprintf("Enter your option((1-4):");

scanf("%d",&op12);

switch(op12)

{

case 1:

clrscr();

title();

card\_num();

break;

case 2:

clrscr();

title();

card\_num();

break;

case 3:

clrscr();

title();

all\_ebooks(); // Calling function for all ebooks.

break;

case 0:

textcolor(LIGHTMAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0);

default:

textcolor(LIGHTCYAN);

cprintf("Invalid option ");

cprintf("Enter correct option. ");

goto label13;

}

}

void card\_num() // Called function for Card Num.

{

label14:

textcolor(LIGHTMAGENTA);

cprintf("Enter your 16 digit card number:");

scanf("%s",&cardnum);

for(i=0;cardnum[i]!='\0';i++)

{

if(cardnum[i]>='0' && cardnum[i]<='9')

{ // To check given string is digits or not.

}

else

{

textcolor(LIGHTCYAN);

cprintf("The card number contains only digits. ");

goto label14;

}

}

if(i==16) // To check Card number contains 16 digits or not.

{

}

else

{

textcolor(LIGHTCYAN);

cprintf("Enter only 16 digit card number. ");

goto label14;

}

label15:

textcolor(LIGHTMAGENTA);

cprintf("Enter your name on card without any spaces:");

scanf("%s",&name1);

for(i=0;name1[i]!='\0';i++)

{

if((name1[i]>='a' && name1[i]<='z') || (name1[i]>='A' && name1[i]<='Z'))

{ // To check given string collection of alphaberts or not.

}

else

{

textcolor(LIGHTCYAN);

cprintf("The name contains only alphabets. ");

goto label15;

}

}

label16:

textcolor(LIGHTMAGENTA);

cprintf("Enter card valid year and month(MMYYYY):");

scanf("%s",&month\_year);

for(i=0;month\_year[i]!='\0';i++)

{

if(month\_year[i]>='0' && month\_year[i]<='9')

{ // To check given string is digits or not.

}

else

{

textcolor(LIGHTCYAN);

cprintf("Enter digits only. ");

goto label16;

}

}

if(i==6) // To check card validity contains 6 digits or not.

{

}

else

{

textcolor(LIGHTCYAN);

cprintf("Enter only 6 digits like 122022. ");

goto label16;

}

label17:

textcolor(LIGHTMAGENTA);

cprintf("Enter last three digits of cvv number:");

scanf("%s",&cvv);

for(i=0;cvv[i]!='\0';i++)

{

if(cvv[i]>='0' && cvv[i]<='9') // To check given string is digits or not.

{

}

else

{

textcolor(LIGHTCYAN);

cprintf("Enter digits only. ");

goto label17;

}

}

if(i==3)

{

}

else

{

textcolor(LIGHTCYAN);

cprintf("Enter only 3 digits like 022. ");

goto label17;

}

textcolor(LIGHTRED);

cprintf("LOADING......PLZ WAIT ");

for(i=0;i<27;i++)

{

textcolor(LIGHTRED);

cprintf("%3c",222);

delay(120);

}

textcolor(YELLOW);

cprintf(" Your transaction is complete. ");

textcolor(LIGHTCYAN);

cprintf("PLZ..........WAIT ");

delay(2000);

}

void buy\_book() // called function or for download & buy a book.

{

label18:

textcolor(LIGHTMAGENTA);

cprintf("Enter your name without any spaces:");

scanf("%s",&name);

for(i=0;name[i]!='\0';i++)

{

if((name[i]>='a' && name[i]<='z') || (name[i]>='A' && name[i]<='Z'))

{ // To check given string collection of alphaberts or not.

}

else

{

textcolor(LIGHTCYAN);

cprintf("The name contains only alphabets. ");

goto label18;

}

}

label19:

textcolor(LIGHTMAGENTA);

cprintf("Enter your 10 digit phone number:");

scanf("%s",&phnum);

for(i=0;phnum[i]!='\0';i++)

{

if(phnum[i]>='0' && phnum[i]<='9') // To check given string is digits or not.

{

}

else

{

textcolor(LIGHTCYAN);

cprintf("The phone number contains only digits. ");

goto label19;

}

}

if(i==10) // To check phone number contains 10 digits or not.

{

}

else

{

textcolor(LIGHTCYAN);

cprintf("Enter only 10 digit phone number. ");

goto label19;

}

textcolor(LIGHTMAGENTA);

cprintf("Enter your Address without any spaces:");

scanf("%s",&addrs);

textcolor(GREEN);

cprintf("LOADING................PLZ WAIT ");

for(i=0;i<20;i++)

{

textcolor(LIGHTBLUE);

cprintf("%4c",221);

delay(200);

}

textcolor(BROWN);

cprintf("Your order is successfully placed. ");

cprintf("With in three to four days the book is delivered. ");

}

void down\_bar() // Called function for Download Bar.

{

textcolor(LIGHTMAGENTA);

cprintf("Book is Downloading........... ");

for(i=0;i<80;i++)

{

textcolor(LIGHTBLUE);

cprintf("%c",220);

delay(120);

}

textcolor(LIGHTMAGENTA);

printf("Download is complete. ");

}

void suggest\_books() // Called function for Suggest books.

{

label20:

textcolor(LIGHTMAGENTA);

cprintf("Enter suggest book name without any spaces:");

scanf("%s",&suggest\_book);

for(i=0;suggest\_book[i]!='\0';i++)

{

if((suggest\_book[i]>='a' && suggest\_book[i]<='z') || (suggest\_book[i]>='A' && suggest\_book[i]<='Z'))

{ // To check given string collection of alphaberts or not.

textcolor(BROWN);

cprintf("Thank you for suggesting. ");

cprintf("I will try to add this book with in 24 Hours. ");

break;

}

else

{

textcolor(LIGHTCYAN);

cprintf("The book name contains only alphabets. ");

goto label20;

}

}

}

void back\_menus() // Called function for Back menus.

{

for(j=0;j<=10;j++) // Repeat this function upto condition fails.

{

textcolor(RED);

cprintf("1.GO TO BACK MENU ");

cprintf("2.GO TO MAIN MENU ");

cprintf("0.EXIT. ");

j++;

label21:

textcolor(YELLOW);

cprintf("Enter your option(1-3):");

scanf("%d",&op9);

switch(op9)

{

case 1:

clrscr();

title();

if(op2==3)

{

business\_books();

down\_buy\_books();

}

else

{

if(op2==4)

{

children\_books();

down\_buy\_books();

}

else

{

if(op3==1)

{

cse\_books();

down\_buy\_books();

}

else

{

if(op3==2)

{

ece\_books();

down\_buy\_books();

}

else

{

if(op3==3)

{

civil\_books();

down\_buy\_books();

}

else

{

if(op3==4)

{

mech\_books();

down\_buy\_books();

}

else

{

if(op3==5)

{

eee\_books();

down\_buy\_books();

}

}

}

}

}

}

}

break;

case 2:

clrscr();

title();

if(op2==3 || op2==4)

{

all\_ebooks();

}

else

{

if(op3==1 || op3==2 || op3==3 || op3==4 || op3==5)

{

engineering\_books();

}

}

break;

case 0:

textcolor(LIGHTMAGENTA);

cprintf("Thank you for visiting eBOOK SHOPPING.");

delay(3000);

exit(0); // To exit the switch.

default:

textcolor(LIGHTCYAN);

cprintf("Invalid option. ");

cprintf("Enter correct option. ");

goto label21;

}

}

}

void cse\_books() // Called function for some cse books.

{

clrscr();

title();

textcolor(MAGENTA);

cprintf("->COMPUTER SCIENCE & ENGINEERING BOOKS ARE:");

printf("\n|=======================================================================| ");

textcolor(LIGHTGREEN);

cprintf("|BOOK NAME: AUTHOR NAME: COST: |");

printf("\n|=======================================================================| ");

printf("|1.C Programming \tE.Balagur Swamy \t350 |");

printf("\n|2.OOP'S Through C++ \tE.Balaguru Swamy \t335 |");

printf("\n|3.R For Every One \tLnder,Pearson \t500 |");

printf("\n|4.Python Programming \tVamsi kurama,pearson \t300 |");

printf("\n|5.Data Structures \tMark Allen Weiss \t400 |");

printf("\n|6.Java programming \tE.Balaguru Swamy \t350 |");

printf("\n|7.Software Engineering \tRajib Mall \t435 |");

printf("\n|8.Computer organization \tCarl Hamacher \t500 |");

printf("\n|9.Web Technologies \tUttam K Roy \t650 |");

printf("\n|10.Computer Networks \tA.Forouzan,Firouz Mosharrf \t600 |");

printf("\n|=======================================================================|\n");

}

void ece\_books() // Called function for some ece books.

{

clrscr();

title();

textcolor(MAGENTA);

cprintf("->ELECTRONICS & COMMUNICATION ENGINEERING BOOKS ARE:");

printf("\n|=======================================================================| ");

textcolor(LIGHTGREEN);

cprintf("|BOOK NAME: AUTHOR NAME: COST: |");

printf("\n|=======================================================================| ");

printf("|1.Signals & Systems \tB.P.Lahi \t350 |");

printf("\n|2.Network Analysis \tK.Sathya Prasad \t335 |");

printf("\n|3.Circuit Analysis \tJ.Millman \t500 |");

printf("\n|4.Control Systems \tNagarath & Gopal \t300 |");

printf("\n|5.Analog Communications \tB.P.Lathi \t400 |");

printf("\n|6.Management Science \tVijaya Kumar \t350 |");

printf("\n|7.Linear IC Applications \tRoy choudhury \t435 |");

printf("\n|8.Computer organization \tCarl Hamacher \t500 |");

printf("\n|9.Digital IC Applications \tJ.Bhasker \t650 |");

printf("\n|10.Digital Communications \tSimon Haykin,John Wiley \t600 |");

printf("\n|=======================================================================|\n");

}

void civil\_books() // Called function for some civil books.

{

clrscr();

title();

textcolor(MAGENTA);

cprintf("->CIVIL ENGINEERING BOOKS ARE:");

printf("\n|===============================================================| ");

textcolor(LIGHTGREEN);

printf("|BOOK NAME: AUTHOR NAME: COST: |");

printf("\n|===============================================================| ");

printf("|1.Probability & Statistics \tJay Ldevore \t350 |");

printf("\n|2.Strength of Materials-1 \tR.K.Rajput \t335 |");

printf("\n|3.Surveying \tAshok Kumar Jain \t500 |");

printf("\n|4.Fluid Mechanics \tP.N.Modi \t300 |");

printf("\n|5.Strength of Materials-2 \tR.K.Rajput \t400 |");

printf("\n|6.Concrete Technology \tM.S.Shetty \t350 |");

printf("\n|7.Structural Analysis-1 \tS.K.Khanna \t435 |");

printf("\n|8.Management Science \tN.Appa Rao \t500 |");

printf("\n|9.Engineering Geology \tVanitha Agarwal \t650 |");

printf("\n|10.Structural Analysis-2 \tS.K.Khanna \t600 |");

printf("\n|===============================================================|\n");

}

void mech\_books() //Called function for some mech books.

{

clrscr();

title();

textcolor(MAGENTA);

cprintf("->MECHANICAL ENGINEERING BOOKS ARE:");

printf("\n|===============================================================| ");

textcolor(LIGHTGREEN);

cprintf("|BOOK NAME: AUTHOR NAME: COST: |");

printf("\n|===============================================================| ");

printf("|1.Mechanics Of Solids \tGH Ryder \t350 |");

printf("\n|2.Thermodynamics \tPK Nag \t335 |");

printf("\n|3.Thermal Eng-1 \tV.Ganesan \t500 |");

printf("\n|4.Production Technology \tA.K.Malik \t300 |");

printf("\n|5.Machine Drawing \tV.V.S.Sastry \t400 |");

printf("\n|6.Dynamics Of Machinary \tJS Rao \t350 |");

printf("\n|7.Design Of Machine Memb's-1 \tV.Bandari \t435 |");

printf("\n|8.Design Of Machine Memb's-2 \tV.Bandari \t500 |");

printf("\n|9.Operations Research \tHamdy A Taha \t650 |");

printf("\n|10.Theramal Engineering-2 \tR.Yadav \t600 |");

printf("\n|===============================================================|\n");

}

void eee\_books() // Called function for some eee books.

{

clrscr();

title();

textcolor(MAGENTA);

cprintf("->ELECTRICAL & ELECTRONICS ENGINEERING BOOKS ARE:");

printf("\n|===============================================================| ");

textcolor(LIGHTGREEN);

cprintf("|BOOK NAME: AUTHOR NAME: COST: |");

printf("\n|===============================================================| ");

printf("|1.Signals & Systems \tB.P.Lahi \t350 |");

printf("\n|2.Electro Magnetic Fields \tWilliam H.Hayt \t330 |");

printf("\n|3.Circuit Analysis \tJ.Millman \t500 |");

printf("\n|4.Cntrol Systems \tM.Gopal \t300 |");

printf("\n|5.Electrical Measurements \tE.W.Golding \t400 |");

printf("\n|6.Management Science \tVijaya Kumar \t350 |");

printf("\n|7.Linear IC Applications \tRoy choudhury \t435 |");

printf("\n|8.Management Science \tN.Appa Rao \t500 |");

printf("\n|9.Digital IC Applications \tJ.Bhasker \t650 |");

printf("\n|10.Power Systems \tP.V.Gupta \t600 |");

printf("\n|===============================================================|\n");

}

void business\_books() // Called function for some eee books.

{

clrscr();

title();

textcolor(MAGENTA);

cprintf("->SOME BUSINESS PURPOSE BOOKS ARE:");

printf("\n|=======================================================================| ");

textcolor(LIGHTGREEN);

cprintf("|BOOK NAME: AUTHOR NAME: COST: |");

printf("\n|=======================================================================| ");

printf("|1.Zero t0 One \tPeter Thiel and Blake Masters \t315 |");

printf("\n|2.Impatient Optimist \tEdited by Rogak,Lisa \t76 |");

printf("\n|3.Rich Dad Poor Dad \tRobert T.Kiyosak \t300 |");

printf("\n|4.The Intelligent Investor \tBenjamin Graham \t359 |");

printf("\n|5.Business Adventures \tJohn Brooks \t320 |");

printf("\n|6.Deep Work \tCal Newport \t363 |");

printf("\n|7.How Life Works \tAnderew Matthews \t307 |");

printf("\n|8.Indian Greatest CEO's \tSuhel Seth \t349 |");

printf("\n|9.Promote Yourself \tDan Schawbel \t267 |");

printf("\n|10.Your Right First Job \tT.Muralidharan \t135 |");

printf("\n|=======================================================================|\n");

}

void children\_books() // Called function for some eee books.

{

clrscr();

title();

textcolor(MAGENTA);

cprintf("->SOME CHILDREN OR KIDS BOOKS ARE:");

printf("\n|===========================================================| ");

textcolor(LIGHTGREEN);

cprintf("|BOOK NAME: AUTHOR NAME: COST: |");

printf("\n|===========================================================| ");

printf("|1.The Book Thief \tMarkus Zusak \t253 |");

printf("\n|2.Pink Pages \tSarah Delmege \t115 |");

printf("\n|3.Kingdom Of Fantasy \tHardcover \t440 |");

printf("\n|4.Great Stories For Kids \tRuskin Bond \t156 |");

printf("\n|5.Amazing Voyage \tHardcover \t192 |");

printf("\n|6.Looking For Alaska \tJohn Green \t259 |");

printf("\n|7.Harry Potter \tJ.K.Rowling \t344 |");

printf("\n|8.Cloud Castle \tThea Stilton \t343 |");

printf("\n|9.All The Bright Places \tJennifer Niven \t236 |");

printf("\n|10.Stories of Birbal \tHardcover,Anant Pai \t260 |");

printf("\n|===========================================================|\n");

}