**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// PROJECT ON SUPER MARKET BILLING SYSTEM**

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**// HEADER FILES USED**

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**#include<conio.h>**

**#include<stdio.h>**

**#include<process.h>**

**#include<fstream.h>**

**#include<dos.h>**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// CLASS CREATED**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**class product**

**{**

**int pno;**

**char name[50];**

**float price,qty,tax,dis,stock;**

**public:**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Function for creating product**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void create\_product()**

**{**

**cout<<"\n\n\t Enter The Product No. of The Product : ";**

**cin>>pno;**

**cout<<"\n\t Enter The Name of The Product : ";**

**gets(name);**

**cout<<"\n\t Enter The Price of The Product : ";**

**cin>>price;**

**cout<<"\n\t Enter The Discount (%) ";**

**cin>>dis;**

**cout<<"\n\t Stock Available : ";**

**cin>>stock;**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Function for displaying all products**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void show\_product()**

**{**

**cout<<"\n "<<pno <<"\t\t "<<name<<"\t\t\t "<<price<<"\t "**

**<<dis<<"\t\t "<<stock;**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Accessor Functions**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**int retpno()**

**{return pno;}**

**float retprice()**

**{return price;}**

**char\* retname()**

**{return name;}**

**int retdis()**

**{return dis;}**

**int retstock()**

**{return stock;}**

**}; //class ends here**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Global declaration for stream objectand class object**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**fstream fp;**

**product pr;**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Function to write in file**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void write\_product()**

**{**

**fp.open("Shop.dat",ios::out|ios::app);**

**pr.create\_product();**

**fp.write((char\*)&pr,sizeof(product));**

**fp.close();**

**cout<<"\n\n\tThe Product Has Been Created........... ";**

**getch();**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// function to read all records from file**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void display\_all()**

**{**

**clrscr();**

**fp.open("Shop.dat",ios::in);**

**if(!fp)**

**{**

**cout<<"ERROR!!! FILE COULD NOT BE OPEN\n\n\n Go To Admin Menu to create File";**

**cout<<"\n\n\n Program is closing ....";**

**getch();**

**exit(0);**

**}**

**cout<<"\n\n\n\t\t (\*) DISPLAYING AVAILABLE PRODUCTS (\*)";**

**cout<<"\n====================================================================== ==\n";**

**cout<<"\n PRODUCT NO. \t NAME OF THE PRODUCT \t RATE \t DISCOUNT\tINVENTORY" ;**

**cout<<"\n=========================================================================\n";**

**while(fp.read((char\*)&pr,sizeof(product)))**

**{**

**pr.show\_product();**

**cout<<"\n===================================================================\n";**

**}**

**fp.close();**

**getch();**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// function to read specific record from file**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void display\_sp(int n)**

**{**

**int flag=0;**

**fp.open("Shop.dat",ios::in);**

**while(fp.read((char\*)&pr,sizeof(product)))**

**{**

**if(pr.retpno()==n)**

**{**

**cout<<"\n=========================================================================\n";**

**cout<<"\n PRODUCT NO. \t NAME OF THE PRODUCT \t RATE \t DISCOUNT\tINVENTORY" ;**

**cout<<"\n=========================================================================\n";**

**pr.show\_product();**

**flag=1;**

**}**

**}**

**fp.close();**

**if(flag==0)**

**cout<<"\n\n\t>>>>>---<Sorry!!! No such product exists in the record>---<<<<<<";**

**getch();**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// function to modify record of file**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void modify\_product()**

**{**

**int no,found=0;**

**clrscr();**

**cout<<"\n\n\t(\*) FOR MODIFICATION OF THE DATA (\*) ";**

**cout<<"\n\n\tPlease Enter The Product No. of The Product : ";**

**cin>>no;**

**fp.open("Shop.dat",ios::in|ios::out);**

**while(fp.read((char\*)&pr,sizeof(product))&&found==0)**

**{**

**if(pr.retpno()==no)**

**{cout<<"\n=================================================================\n";**

**cout<<"\n PRODUCT NO. \t NAME OF THE PRODUCT \t RATE \t DISCOUNT\tINVENTORY" ;**

**cout<<"\n===================================================================\n";**

**pr.show\_product();**

**cout<<"\n\n\t\_\_\_Please Enter The New Details of Product\_\_\_"<<endl;**

**pr.create\_product();**

**int pos=-1\*sizeof(pr);**

**fp.seekp(pos,ios::cur);**

**fp.write((char\*)&pr,sizeof(product));**

**cout<<"\n\n\t Record is Updated..........";**

**found=1;**

**}**

**}**

**fp.close();**

**if(found==0)**

**cout<<"\n\n\t>>>>>---<Sorry!!! No such product exists in the record>---<<<<<<";**

**getch();**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Function to delete record of file**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void delete\_product()**

**{**

**char ch;**

**int no,flag=0;**

**clrscr();**

**cout<<"\n\n\t(\*) FOR DELETION OF THE DATA (\*) ";**

**cout<<"\n\n\tPlease Enter The product no. of The Product You Want To Delete : ";**

**cin>>no;**

**fp.open("Shop.dat",ios::in|ios::out);**

**while(fp.read((char\*)&pr,sizeof(product)))**

**{**

**if(pr.retpno()==no)**

**{**

**cout<<"\n\t================================================================\n";**

**cout<<"\n\t PRODUCT NO. \t NAME OF THE PRODUCT \t RATE \t DISCOUNT" ;**

**cout<<"\n\t================================================================\n";**

**pr.show\_product();**

**flag=1;**

**cout<<"\n\n\tAre you sure you want to delete the above mentioned product ? (y/n)" ;**

**cin>>ch;**

**if(ch=='y'||ch=='Y')**

**{ fstream fp2;**

**fp2.open("Temp.dat",ios::out);**

**fp.seekg(0,ios::beg);**

**while(fp.read((char\*)&pr,sizeof(product)))**

**{**

**if(pr.retpno()!=no)**

**{ fp2.write((char\*)&pr,sizeof(product)); }**

**}**

**fp2.close();**

**fp.close();**

**remove("Shop.dat");**

**rename("Temp.dat","Shop.dat");**

**cout<<"\n\n\tRecord Deleted ..";**

**break;**

**}**

**}**

**};**

**if(flag==0)**

**{cout<<"\n\n\t>>>>>---<Sorry!!! No such product exists in the record>---<<<<<<";**

**fp.close();}**

**getch();**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// function to display no. of products**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void nop()**

**{**

**int count=0;**

**fp.open("Shop.dat",ios::in);**

**while(fp.read((char\*)&pr,sizeof(product)))**

**count++;**

**cout<<"\n\n\t(\*) The total no. of products available in our supermarket are = "<<count;**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Function to display all products price list**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void menu()**

**{**

**clrscr();**

**fp.open("Shop.dat",ios::in);**

**if(!fp)**

**{**

**cout<<"ERROR!!! FILE COULD NOT BE OPEN\n\n\n Go To Admin Menu to create File";**

**cout<<"\n\n\n Program is closing ....";**

**getch();**

**exit(0);**

**}**

**cout<<"\n\n\t\t(\*) P R O D U C T M E N U (\*)\n\n";**

**cout<<"============================================================================n";**

**cout<<"\tPR.CODE.\t PRODUCT NAME\t PRICE\t INVENTORY\n";**

**cout<<"===========================================================================\n";**

**while(fp.read((char\*)&pr,sizeof(product)))**

**{**

**cout<<" \t"<<pr.retpno()<<"\t\t"<<pr.retname()<<"\t\t "**

**<<pr.retprice()<<"\t\t "<<pr.retstock()<<endl;**

**}**

**fp.close();**

**getch();**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// Function to place order and generating bill for Products**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void place\_order()**

**{**

**int order\_arr[50],quan[50],c=0;**

**float amt,damt,total=0;**

**char ch='Y',str1[25], str2[25];**

**getch();**

**menu();**

**cout<<"\n\t============================";**

**cout<<"\n\t PLACE YOUR ORDER";**

**cout<<"\n\t============================\n";**

**do{**

**cout<<"\n\tEnter The Code Of The Product : ";**

**cin>>order\_arr[c];**

**cout<<"\tQuantity : ";**

**cin>>quan[c];**

**c++;**

**cout<<"\n\tDo You Want To Order Another Product ? (y/n)";**

**cin>>ch;**

**}while(ch=='y'||ch=='Y');**

**{**

**struct dosdate\_t d;**

**\_dos\_getdate(&d);**

**printf("The current Date(day, month & year)is: %2d:%02d:%02d\n", d.day,**

**d.month,d.year);**

**/\*printf("The current year is: %d\n", d.year);**

**printf("The current day is: %d\n", d.day);**

**printf("The current month is: %d\n", d.month);\*/**

**struct dostime\_t t;**

**\_dos\_gettime(&t);**

**printf("The current time is: %2d:%02d:%02d\n", t.hour, t.minute,**

**t.second);**

**}**

**cout<<"\t (\*) Thank You For Placing The Order (\*) ";**

**getch();clrscr();**

**cout<<"\n\n\t\t(\*)`````````SUNSHINE SUPER MARKET``````````(\*) ";**

**cout<<"\n\n\t J14/15 VIKAS PURI NEW DELHI TEL: 011-25376459, 9212040086";**

**cout<<"\n\n\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*RETAIL INVOICE\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n";**

**cout<<"\n\tSTAFF : Aryan Sharma \tDATED: "<<str1<<"\t\tTIME: "<<str2;**

**cout<<"\n```````````````````````````````````````````````````````````````````````````````";**

**cout<<"\n\n Pr.Code .\t Pr. Name\tQty.\tPrice \tDiscount\tFinal Rate \n";**

**cout<<"\n```````````````````````````````````````````````````````````````````````````````";**

**for(int x=0;x<=c;x++)**

**{**

**fp.open("Shop.dat",ios::in);**

**fp.read((char\*)&pr,sizeof(product));**

**while(!fp.eof())**

**{**

**if(pr.retpno()==order\_arr[x])**

**{**

**amt=pr.retprice()\*quan[x];**

**damt=amt-(amt\*pr.retdis()/100);**

**cout<<"\n\t"<<order\_arr[x]<<"\t"<<pr.retname()<<"\t "<<quan[x]<<"\t "**

**<<pr.retprice()<<"\t "<<pr.retdis()<<"\t\t "<<damt;**

**total+=damt;**

**}**

**fp.read((char\*)&pr,sizeof(product));**

**}**

**fp.close();**

**}**

**cout<<"\n\n\n\t\tAMOUNT = "<<total;**

**cout<<"\n\t\tVALUE ADDED TAX = 5%";**

**cout<<"\n\t\tNET AMOUNT(inclusive of all taxes and discount) : "<<total+total\*0.05;**

**getch();**

**clrscr();**

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

**cout<<" \_/\_/\_/\_/\_/ \_/ \_/ \n";**

**cout<<" \_/ \_/\_/\_/ \_/\_/\_/ \_/\_/\_/ \_/ \_/ \n";**

**cout<<" \_/ \_/ \_/ \_/ \_/ \_/ \_/ \_/\_/ \n";**

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**cout<<" \_/ \_/ \_/ \_/ \_/ \n";**

**cout<<" \_/ \_/ \_/ \_/ \_/ \n";**

**cout<<" \_/ \_/\_/ \_/\_/\_/ \n\n";**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// INTRODUCING FUNCTION**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void intro()**

**{**

**clrscr();**

**cout<<"\n\n\n\t\t~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~";**

**cout<<"\n\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n";**

**cout<<"\n\n\t\t\t\t W E L C O M E T O ";**

**cout<<"\n\n\t\t\t S U N S H I N E S U P E R M A R K E T";**

**cout<<"\n\n\t\tJ14/15 VIKAS PURI NEW DELHI TEL: 011-25376459, 9212040086";**

**cout<<"\n\n\t\t\t\tB I L L I N G S Y S T E M ";**

**cout<<"\n\n\t\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n";**

**cout<<"\n\t\t~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~";**

**cout<<"\n\n\t Made BY:- Deepak Gupta XII Roll No: "**

**<<"\n\n\t Santosh Kumar XII Roll No: ";**

**getch();**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// ADMINSTRATOR MENU FUNCTION**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void admin\_menu()**

**{ char cho;**

**clrscr();**

**char ch2;**

**cout<<"\n\n\n\tADMINISTRATOR MENU";**

**cout<<"\n\n\t1.CREATE NEW PRODUCT DATA";**

**cout<<"\n\n\t2.DISPLAY ALL PRODUCTS";**

**cout<<"\n\n\t3.QUERY ";**

**cout<<"\n\n\t4.MODIFY PRODUCT DATA";**

**cout<<"\n\n\t5.DELETE PRODUCT DATA";**

**cout<<"\n\n\t6.TOTAL NUMBER OF PRODUCTS AVAILABLE";**

**cout<<"\n\n\t7.PRODUCTS MENU";**

**cout<<"\n\n\t8.BACK TO MAIN MENU";**

**cout<<"\n\n\tPlease Enter Your Choice (1-7) ";**

**cin>>ch2;**

**switch(ch2)**

**{**

**case '1': do {clrscr();**

**write\_product();**

**cout<<"\n\n\tDo you want to create more product? (y/n) : ";**

**cin>>cho;**

**}while(cho=='y'||cho=='Y') ;**

**break;**

**case '2': display\_all();break;**

**case '3': do{**

**int num;**

**clrscr();**

**cout<<"\n\n\tPlease Enter The Product Code. ";**

**cin>>num;**

**display\_sp(num);**

**cout<<"\n\n\t More Querries ????? (y/n) : ";**

**cin>>cho;**

**}while(cho=='y'||cho=='Y') ;**

**break;**

**case '4': modify\_product();**

**break;**

**case '5': delete\_product();**

**break;**

**case '6': nop();**

**getch();**

**break;**

**case '7': menu();**

**break;**

**case '8': break;**

**default : cout<<"\a\a";admin\_menu();**

**}**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// THE MAIN FUNCTION OF PROGRAM**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**void main()**

**{**

**char ch;**

**intro();**

**do**

**{**

**clrscr();**

**cout<<"\n\n\n\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* "**

**<<"\n\tMAIN MENU"**

**<<"\n\t\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ";**

**cout<<"\n\n\t01. CUSTOMER";**

**cout<<"\n\n\t02. ADMINISTRATOR";**

**cout<<"\n\n\t03. EXIT";**

**cout<<"\n\n\tPlease Select Your Option (1-3) ";**

**cin>>ch;**

**switch(ch)**

**{**

**case '1': clrscr();**

**place\_order();**

**getch();**

**break;**

**case '2': admin\_menu();**

**break;**

**case '3': exit(0);**

**default : cout<<"\a";**

**}**

**}while(ch!='3');**

**}**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**// END OF PROJECT**

**//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***