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| DON BOSCO LILUAH |
| COMPUTER PROJECT |
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| **CLASS -12-C** |
| **ROLL NO-44** |

**SERIAL NO.-2005/073**

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**INTRODUCTION AND OBJECTIVE**

1. **PROJECT OVERVIEW :-**

The main purpose of this project is to decrease the manual mistakes engaged in the commercial food ordering process and create a suitable environment for the customers.

The application provides different food items available with its prices. This application is created to reduce the time for ordering of food acting as a third party interface and carrying out the work that had to be done by the waiters.

1. **PURPOSE :-**

* The choice of food of the customer is accepted and is redirected to the suitable page for further processes.
* The customer has to enter the required quantity and which is needed to be ordered.
* If the food item is available then the customer is given the choice to order or cancel it
* If the customer wants to order , then he/she is redirected to the page where he is shown the food items available and also his total cost according to number of units ordered

1. **SCOPE:-**

* This project would be very useful for the restaurants which have the facility of providing online service to their customers. There are people who do not so much time to go to the restaurants and order food. This project would provide an environment where everyone can order food without taking much of time, efficiently.

1. **OBJECTIVES:-**

* The objectives of the project is to make the world equal for everyone and give everyone a chance to be a part of the digitalised community and also to give the customers some more time to spend behind their chores rather than spending quality time after the ordering of food.

1. **APPLICATION PROCEDURE:-**

* The procedure of the application can be mentioned under the following sub-headings:

1. **LOGIN:**

In this section, the customer can get a chance to see the cost of food items.

1. **INFO PAGE:**

In this part of the application, the client has to enter all the food items and their quantities required and the total cost is displayed according to that.

At the end when the order is confirmed then the customer is shown the order details and is redirected to the order page.

**PROJECT CATEGORY:-**

The application is developed using the help of BlueJ.

The application is basically a client server based application system. Though having user interaction and input-output conversations, the application can be accessed through any computer of course the ones the ones which have a connection to the server.

Basically it will maintain a server based communication and the response can be retrieved from any corner of the world.

Every response will be created in real time basis, i.e. instantly the user can get their answers.

Though this web based system provides a means of users' interaction, yet it will be operated through the net.

**Source Code:**

import java.util.\*;

public class Restaurant\_Management

{

public static void main(String args[])

{

Scanner in=new Scanner(System.in);

{

int vstr,tvstr=0;

int nvstr,tnvstr=0;

int vfd,tvfd=0;

int nvfd,tnvfd=0;

int fd,tfd=0;

int tamt=0;

int amt=0;int totalamt=0;

int d,totald;int damt=0;int ch=0;

double vat=0;

String str="";

String ans;

String choice="Y";

System.out.println("Welcome to the multicuisine restaurant!!");

System.out.println("Starter Corner:1");

System.out.println("Main Course: 2");

System.out.println("Deserts....3");

System.out.println();

System.out.println("Press 1 for starter");

System.out.println("Press 2 for Main Course");

System.out.println("Press 3 for Cool with Deserts");

System.out.println();

System.out.println("Enter your choice");

ch=in.nextInt();

switch(ch)

{

case 1:

System.out.println("Welcome to the starter menu");

System.out.println("Enter 'VS' for veg starter and 'NVS' for non veg starter");

str=in.next();

if(str.equalsIgnoreCase("VS"))

{

System.out.println("Starters\t\t\tPrice in Rs.");

System.out.println("1.Paneer Tikka\t\t\t110");

System.out.println("2.Veg Seekh kabab\t\t\t110");

System.out.println("3.Hara Bhara kebab\t\t\t110");

System.out.println("4.Shanghai Spring roll\t\t\t150");

System.out.println("5.American corn ball\t\t\t150");

System.out.println("6.Crispy american corn\t\t\t140");

System.out.println("7.Crispy baby corn\t\t\t140");

System.out.println("8.Crispy mushroom\t\t\t120");

System.out.println("9.Crispy chilly potato\t\t\t120");

System.out.println("10.Crispy chilly channa\t\t\t150");

System.out.println();

while(choice.equalsIgnoreCase("Y"))

{

System.out.println("Choose your starter from the above list by entering number");

vstr=in.nextInt();

System.out.println("Enter the total number of starters you want");

tvstr=in.nextInt();

if(vstr>=1&&vstr<=3)

amt=tvstr\*110;

if(vstr==4||vstr==5)

amt=tvstr\*150;

if(vstr==6||vstr==7)

amt=tvstr\*140;

if(vstr==8||vstr==9)

amt=tvstr\*120;

if(vstr==10)

amt=tvstr\*150;

tamt =tamt+amt;

System.out.println("Do you want to place more order?EnterY/N");

choice=in.next();

}

}

if(str.equalsIgnoreCase("NVS"))

{

System.out.println("Non vegetarian Starter");

System.out.println();

System.out.println("Non veg starters\t\t\t Price in Rs");

System.out.println("1.Chicken Tikka\t\t\t170");

System.out.println("Murg Reshmi Kebab\t\t\t170");

System.out.println("Murg Chilli Kebab\t\t\t170");

System.out.println("Chicken seekh kebab\t\t\t180");

System.out.println("Tangdi kebab\t\t\t180");

System.out.println("Murg Tandoori\t\t\t190");

System.out.println("Fish Ajwani Tikka\t\t\t190");

System.out.println("Chilli Chicken\t\t\t160");

System.out.println("Drums of Heaven\t\t\t180");

System.out.println("Shanghai Chicken\t\t\t180");

while(choice.equalsIgnoreCase("Y"))

{

System.out.println("choose your starter from the above list by entering nuumber");

nvstr=in.nextInt();

System.out.println("Enter the total no of starters you want");

tnvstr=in.nextInt();

if(nvstr==1||nvstr==2)

amt =tnvstr\*170;

if(nvstr==3)

amt=tnvstr\*160;

if(nvstr==4||nvstr==5)

amt=tnvstr\*180;

if(nvstr==6||nvstr==7)

amt=tnvstr\*190;

if(nvstr==8)

amt=tnvstr\*160;

if(nvstr==9||nvstr==10)

amt=tnvstr\*180;

tamt=tamt+amt;

System.out.println("Do you want to place more order?Enter Y/N");

choice=in.next();

}

}

System.out.println("\*\*\*\*\*\*\*Multi Cuisine Restaurant\*\*\*\*\*\*\*\*");

System.out.println("\*\*\*\*\*\*\*\*\*Bill\*\*\*\*\*\*\*\*\*");

System.out.println("Total cost=Rs."+tamt);

vat=Math.round(14.5/100\*tamt);

System.out.println("VAT=14.5%");

System.out.println("Total VAT=Rs."+vat);

System.out.println("Amount to be psid=Rs"+(tamt+vat));

System.out.println();

break;

case 2:

System.out.println("Main Course:Indian and Chinese Dishes!");

System.out.println("Enter 'v' for veg indian Dishes,'NV' for non-veg indian dishes and 'c' for chinese dishes");

str=in.next();

if(str.equalsIgnoreCase("V"))

{

System.out.println("Welcome to Indian Veg Dishes");

System.out.println("Indian Veg dishes\t\t\t\t:Price in Rs");

System.out.println("1.Shahi paneer\t\t\t\t\\t180");

System.out.println("2.Navratan korma\t\t\t\t\t180");

System.out.println("3.Kadahi paneer\t\t\t\t\t150");

System.out.println("4.Malai kofta \t\t\t\t\t140");

System.out.println("5.Kadahi vegetable\t\t\t\t\t140");

System.out.println("6.Vegetable pakeeza\t\t\t\t\t140");

System.out.println("7.Shabnam cury\t\t\t\t\t150");

System.out.println("8.Makai corn palak\t\t\t\t\t150");

System.out.println("9.veg pulao\t\t\t\t\t110");

System.out.println("10.Kashmiri pulao\t\t\t\t140");

System.out.println("11.Butter Naan\t\t\t\t40");

System.out.println("12.Stuffed naan\t\t\t\t60");

while(choice.equalsIgnoreCase("Y"))

{

System.out.println("Choose your main veg course by entering nunber");

vfd=in.nextInt();

System.out.println("how many plates do you want to place from the above list?");

tvfd=in.nextInt();

if(vfd==1||vfd==2)

{

amt=tvfd\*180;

if(vfd==3)

amt=tvfd\*150;

if(vfd==4||vfd==5||vfd==6)

amt=tvfd\*140;

if(vfd==7||vfd==8)

amt=tvfd\*150;

if(vfd==9)

amt=tvfd\*110;

if(vfd==10)

amt=tvfd\*140;

if(vfd==11)

amt=tvfd\*40;

if(vfd==12)

amt=tvfd\*60;

totalamt=totalamt+amt;

System.out.println("Do you want to place more order?Enter Y/N");

choice=in.next();

}

}

if(str.equalsIgnoreCase("NV"))

{

System.out.println("Welcome to Indian non veg dishes");

System.out.println("Indian non veg dishes\t\t\t\tPrice in Rs");

System.out.println("1.Chicken tikka masaala\t\t\t\t180");

System.out.println("2.Chicken tikka labadar\t\t\t\t\t180");

System.out.println("3.Chicken bharta\t\t\t\t\t150");

System.out.println("4.kadahi chicken\t\t\t\t\t160");

while(choice.equalsIgnoreCase("Y"))

{

System.out.println("choose your main non veg course from the above list by entering nuumber");

vfd=in.nextInt();

System.out.println("How many plates do u want from the above list");

tvfd=in.nextInt();

if(vfd==1||vfd==2)

amt=tvfd\*160;

if(vfd==3)

amt=tvfd\*150;

if(vfd==4)

amt=tvfd\*160;

totalamt=totalamt+amt;

System.out.println("Do you want to place more order?Enter Y/N");

choice=in.next();

}

}

if(str.equalsIgnoreCase("C"))

{

System.out.println("Welcome to chinese dishes");

System.out.println("Chinese dishes\t\t\t\tPricein Rs");

System.out.println("1.Schewzwan fried rice\t\t\t\t240");

System.out.println("2.Chilly chicken\t\t\t\t280");

System.out.println("3.chicken noodle\t\t\t\t210");

System.out.println("4.veg hakka noodle\t\t\t\t210");

while(choice.equalsIgnoreCase("Y"))

{

System.out.println("choose your main course from the above list by entering nuumber");

fd=in.nextInt();

System.out.println("How many plates do u want from the above list");

tfd=in.nextInt();

if(fd==1)

amt=tfd\*240;

if(fd==2)

amt=tfd\*280;

if(fd==3||fd==4)

amt=tfd\*210;

totalamt=totalamt+amt;

System.out.println("Do you want to place more order?Enter Y/N");

choice=in.next();

}

}

System.out.println();

System.out.println("\*\*\*\*\*\*\*\*Multicuisine restaurant\*\*\*\*\*\*\*\*");

System.out.println("\*\*\*\*\*\*\*\*Bill\*\*\*\*\*\*\*\*");

System.out.println("Total cost=Rs."+totalamt);

vat=Math.round(14.5/100\*totalamt);

System.out.println("VAT=14.5%");

System.out.println("Total VAT=Rs."+vat);

System.out.println("Amount to be psid=Rs"+(totalamt+vat));

System.out.println();

break;}

case 3:

System.out.println("Cool with deserts");

System.out.println("deserts\t\t\t\t\t\tPrice in Rs");

System.out.println();

System.out.println("1.Softy pineapple\t\t\t\t110");

System.out.println("2.Walnut brownie\t\t\t\t110");

System.out.println("3.Marble cake\t\t\t\t\t70");

System.out.println("4.mocha magic\t\t\t\t\t90");

while(choice.equalsIgnoreCase("Y"))

{

System.out.println("choose your desert from the above list by entering nuumber");

d=in.nextInt();

System.out.println("enter the total no items u want to buy");

totald=in.nextInt();

if(d==1||d==2)

damt=totald\*110;

if(d==3)

damt=totald\*70;

if(d==4)

damt=totald\*90;

totalamt=totalamt+damt;

System.out.println("Do u want to place more order?Enter Y/N");

choice=in.next();

}

System.out.println();

System.out.println("\*\*\*\*\*\*\*\*Multicuisine restaurant\*\*\*\*\*\*\*\*");

System.out.println("\*\*\*\*\*\*\*\*Bill\*\*\*\*\*\*\*\*");

System.out.println("Total cost=Rs."+totalamt);

vat=Math.round(14.5/100\*totalamt);

System.out.println("VAT=14.5%");

System.out.println("Total VAT=Rs."+vat);

System.out.println("Amount to be psid=Rs"+(totalamt+vat));

break;

default:

System.out.println("You have entered wrong choice");

System.out.println("You can enter the multicuisne restaurant by executing the program again with the correct choice");

System.out.println("Now,'Quit' the program");

}

System.out.println("to exit the multicuisine restaurant world,enter the word 'Quit'");

ans=in.next();

if(ans.equals("quit")||ans.equals("QUIT")||ans.equals("Quit"))

{

System.out.println("Thanks for coming to the multicuisine restaurant");

System.out.println("Your pleasure Our Comfort");

System.out.println("Visit again");

System.out.println();

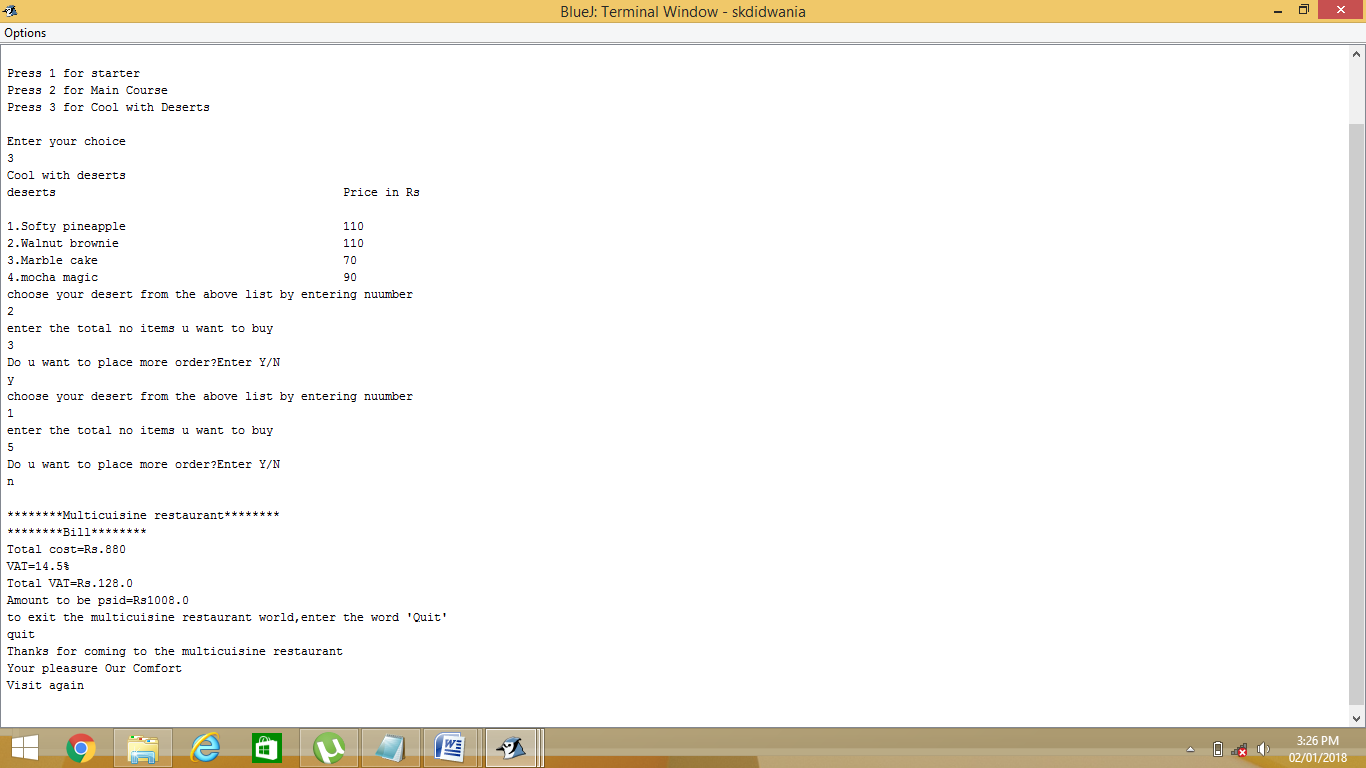
}

}

}

}

**Output:**



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