**DOMINO’S MENU**

MAIN MENU

CLASS PIZZA

STORES TYPE AND QUANTITY OF SLIDES ODERED BY USER

STORES TYPE AND QUANTITY OF NON-VEG PIZZA ODERED BY USER

STORES TYPE AND QUANTITY OF VEG PIZZA ODERED BY USER

CLASS VEGPIZZA CLASS NONVEGPIZZA CLASS SLIDES

CLASS BILL

CALCULATE AND GENERATE FINAL BILL

#include<iostream>

#include<iomanip>

#include<conio.h>

int static price;

using namespace std;

class Pizza

{

public:

int sum;

void pizza()

{

sum = 0;

}

void menu1()

{

cout.width(100);

cout <<"========== WELCOME TO DOMINO'S PIZZA ==========" << endl;

cout.width(90);

cout << " =====START YOUR ORDER=====" << endl;

cout.width(125);

cout << " =========================== ========================== ==========================="

<< endl << endl << endl << endl;

cout<< setw(30)<<"VEG PIZZA "<<setw(50)<<"NON-VEG PIZZA "<<setw(50)<< "SLIDES " << endl;

cout <<setw(42)<<"[1] The Unthinkable Pizza (Rs.459)"<<setw(49)<<"[6] Pepper Barbecue Chicken(Rs.399)"

<< setw(67) << "[11] Paneer Tikka Stuffed Garlic Bread(Rs.159)" <<endl <<setw(36) <<"[2] Veg Extravaganza(Rs.459)"

<< setw(53) << "[7] Chicken Sausage Pizza(Rs.339)" << setw(56) << "[12] Red Velvet Lava Cake(Rs.129)"<<endl

<< setw(30) << "[3] Margherita(Rs.199)" << setw(60) << "[8] Chicken Golden Delight(Rs.459)" << setw(58)

<< "[13] Butterscotch Mousse Cake(Rs.99)"<<endl << setw(29) << "[4] Farmhouse(Rs.399)" << setw(60)

<< "[9] Non Veg Supreme Pizza(Rs.579)" << setw(53) << "[14] Taco Mexicana Veg(Rs.125)"<<endl << setw(35)

<< "[5] Veggie Paradise(Rs.399)" << setw(52) << "[10] Indi Chicken Tikka(Rs.579)" << setw(58)

<< "[15] Moroccan Spice Pasta(Rs.129)"<<endl << setw(38) << "============================ " << setw(50)

<< "==============================" << setw(55) << "============================" <<endl<<endl<<endl<< setw(75)

<< "[16] EXIT" << endl;

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

}

};

class VegPizza :virtual public Pizza

{

public:

void menu2(int ch)

{

switch(ch)

{

case 1:

cout << "\n\n\tYOU HAVE SELECTED THE UNTHINKABLE PIZZA!";

cout << "\n\tHOW MANY PIZZAS DO YOU WANT :";

cin >> sum;

price = price + (459 \* sum);

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

cout << "\tYOU ORDERED THE UNTHINKABLE PIZZA : 459";

cout << " \n";

cout << "\tNUMBER OF PIZZAs ORDERED IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " THE UNTHINKABLE PIZZA totalling to: " << sum \* 459 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 2:

cout << "\n\n\tYOU HAVE SELECTED VEG EXTRAVAGANZA PIZZA!";

cout << "\n\tHOW MANY PIZZAs DO YOU WANT :";

cin >> sum;

price = price + (459 \* sum);

cout << "\tYOU ORDERED VEG EXTRAVAGANZA PIZZA : 459";

cout << " \n";

cout << "\tNUMBER OF PIZZAs ORDERED IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " VEG EXTRAVAGANZA PIZZA totalling to: " << sum \* 459 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 3:

cout << "\n\n\tYOU HAVE SELECTED MARGHERITA PIZZA!";

cout << "\n\tHOW MANY MARGHERITA PIZZAs DO YOU WANT :";

cin >> sum;

price = price + (199 \* sum);

cout << "\tYOU ORDERED MARGHERITA PIZZA: 199";

cout << " \n";

cout << "\tNUMBER OF MARGHERITA PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " MARGHERITA PIZZAs totalling to: " << sum \* 199 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 4:

cout << "\n\n\tYOU HAVE SELECTED FARMHOUSE PIZZA!";

cout << "\n\tHOW MANY FARMHOUSE PIZZAs DO YOU WANT :";

cin >> sum;

price = price + (399 \* sum);

cout << "\tYOU ORDERED FARMHOUSE PIZZA : 399";

cout << " \n";

cout << "\tNUMBER OF FARMHOUSE PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " FARMHOUSE PIZZAs totalling to: " << sum \* 399 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 5:

cout << "\n\n\tYOU HAVE SELECTED VEGGIE PARADISE PIZZA!";

cout << "\n\tHOW MANY VEGGIE PARADISE PIZZAs YOU WANT:";

cin >> sum;

price = price + (399 \* sum);

cout << "\tYOU ORDERED VEGGIE PARADISE PIZZA : 399";

cout << " \n";

cout << "\tNUMBER OF VEGGIE PARADISE PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " VEGGIE PARADISE PIZZAs totalling to: " << sum \* 399 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

}

}

};

class NonVegPizza : virtual public Pizza

{

public:

void menu3(int ch)

{

switch (ch)

{

case 6:

cout << "\n\n\tYOU HAVE SELECTED PEPPER BARBECUE CHICKEN PIZZA!";

cout << "\n\tHOW MANY PEPPER BARBECUE CHICKEN PIZZAs DO YOU WANT:";

cin >> sum;

price = price + (399 \* sum);

cout << "\tYOU ORDERED PEPPER BARBECUE CHICKEN PIZZA : 399";

cout << "\n ";

cout << "\tNUMBER OF PEPPER BARBECUE CHICKEN PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " PEPPER BARBECUE CHICKEN PIZZAs totalling to: " << sum \* 399 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 7:

cout << "\n\n\tYOU HAVE SELECTED CHICKEN SAUSAGE PIZZA!";

cout << "\n\tHOW MANY CHICKEN SAUSAGE PIZZAs DO YOU WANT:";

cin >> sum;

price = price +(399 \* sum);

cout << "\tYOU ORDERED CHICKEN SAUSAGE PIZZA: 339";

cout << "\n ";

cout << "\tNUMBER OF CHICKEN SAUSAGE PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " CHICKEN SAUSAGE PIZZAs totalling to: " << sum \* 399 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 8:

cout << "\n\n\tYOU HAVE SELECTED CHICKEN GOLDEN DELIGHT PIZZA!";

cout << "\n\tHOW MANY CHICKEN GOLDEN DELIGHT PIZZAs DO YOU WANT :";

cin >> sum;

price = price + (459 \* sum);

cout << "\tYOU ORDERED CHICKEN GOLDEN DELIGHT PIZZA : 459";

cout << " \n";

cout << "\tNUMBER OF CHICKEN GOLDEN DELIGHT PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " CHICKEN GOLDEN DELIGHT PIZZAs totalling to: " << sum \* 459 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 9:

cout << "\n\n\tYOU HAVE SELECTED NON VEG SUPREME PIZZA!";

cout << "\n\tHOW MANY NON VEG SUPREME PIZZAs DO YOU WANT :";

cin >> sum;

price = price + (579 \* sum);

cout << "\tYOU ORDERED NON VEG SUPREME PIZZA : 579";

cout << " \n";

cout << "\tNUMBER OF NON VEG SUPREME PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " NON VEG SUPREME PIZZAs totalling to: " << sum \* 579<< endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 10:

cout << "\n\n\tYOU HAVE SELECTED INDI CHICKEN TIKKA PIZZA !";

cout << "\n\tHOW MANY INDI CHICKEN TIKKA PIZZAs DO YOU WANT :";

cin >> sum;

price = price + (579 \* sum);

cout << "\tYOU ORDERED INDI CHICKEN TIKKA PIZZA : 579";

cout << " \n";

cout << "\tNUMBER OF INDI CHICKEN TIKKA PIZZAs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " INDI CHICKEN TIKKA PIZZAs totalling to: " << sum \* 579 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

}

}

};

class Slides : virtual public Pizza

{

public:

void menu4(int ch)

{

switch (ch)

{

case 11:

cout << "\n\n\tYOU HAVE SELECTED PANEER TIKKA STUFFED GARLIC BREAD!";

cout << "\n\tHOW MANY PANEER TIKKA STUFFED GARLIC BREAD DO YOU WANT :";

cin >> sum;

price = price + (159 \* sum);

cout << "\tYOU ORDERED PANEER TIKKA STUFFED GARLIC BREAD : 159";

cout << " \n";

cout << "\tNUMBER OF PANEER TIKKA STUFFED GARLIC BREAD IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " PANEER TIKKA STUFFED GARLIC BREAD totalling to: " << sum \* 159 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 12:

cout << "\n\n\tYOU HAVE SELECTED RED VELVET LAVA CAKE!";

cout << "\n\tHOW MANY RED VELVET LAVA CAKEs DO YOU WANT :";

cin >> sum;

price = price + (129 \* sum);

cout << "\tYOU ORDERED RED VELVET LAVA CAKE : 129";

cout << " \n";

cout << "\tNUMBER OF RED VELVET LAVA CAKEs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " RED VELVET LAVA CAKEs totalling to: " << sum \* 129 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 13:

cout << "\n\n\tYOU HAVE SELECTED BUTTERSCOTCH MOUSSE CAKE!";

cout << "\n\tHOW MANY BUTTERSCOTCH MOUSSE CAKEs DO YOU WANT :";

cin >> sum;

price = price + (99 \* sum);

cout << "\tYOU ORDERED BUTTERSCOTCH MOUSSE CAKE : 99";

cout << " \n";

cout << "\tNUMBER OF BUTTERSCOTCH MOUSSE CAKEs IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " BUTTERSCOTCH MOUSSE CAKEs totalling to: " << sum \* 99 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

case 14:

cout << "\n\n\tYOU HAVE SELECTED TACO MEXICANA VEG!";

cout << "\n\tHOW MANY TACO MEXICANA VEG DO YOU WANT :";

cin >> sum;

price = price + (125 \* sum);

cout << "\tYOU ORDERED TACO MEXICANA VEG : 125";

cout << " \n";

cout << "\tNUMBER OF TACO MEXICANA VEG IS : " << sum;

cout << "\n";

cout << "\tYOU ORDERED " << sum << " TACO MEXICANA VEG totalling to: " << sum \* 125 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;;

break;

case 15:

cout << "\n\n\tYOU HAVE SELECTED MOROCCAN SPICE PASTA!";

cout << "\n\tHOW MANY MOROCCAN SPICE PASTAs DO YOU WANT :";

cin >> sum;

price = price + (129 \* sum);

cout << "\tYOU ORDERED MOROCCAN SPICE PASTA : 129";

cout << "\n ";

cout << "\tNUMBER OF MOROCCAN SPICE PASTAs : " << sum;

cout << "\n";

cout << "\tYOU ORDERED" << sum << " MOROCCAN SPICE PASTAs totalling to: " << sum \* 129 << endl

<< "\tYOUR ORDER IS SUCCESSFULLY SAVED " << endl;

break;

}

}

};

class Bill : public VegPizza, public NonVegPizza, public Slides

{

public:

void operator ++()

{

cout << " TOTAL = " << price << endl;

}

};

void main()

{

int ch,a=0,b;

Pizza pz;

pz.menu1();

while (a == 0)

{

cout <<endl<<setw(110)<< "Would you like to order/add anything[press 1 for yes & 0 for no]" << endl;

cin >> b;

if (b == 1)

{

cout << "\n\n\tENTER YOUR ORDER (one order at a time): ";

cin >> ch;

if (ch >= 1 && ch <= 5)

{

VegPizza vpz;

vpz.menu2(ch);

}

else if (ch >= 6 && ch <= 10)

{

NonVegPizza nvpz;

nvpz.menu3(ch);

}

else if (ch >= 10 && ch <= 15)

{

Slides sl;

sl.menu4(ch);

}

else if (ch == 16)

{

a = 1;

}

}

else

{

Bill b;

++b;

cout << "THANK YOU";

break;

}

}

\_getch();

}



