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#include <iostream>
#include <string>
using namespace std;
int main() {
    int a;
    string agdis;
    string orders[10];
    int orderCount = 0;
    double prices[10];
    double totalCost = 0.0;
    int totalPrice = 0;
    int price = 0;
    cout << "=====\n";
    cout << "Welcome to KaPogian Samgyupsal\n";
    cout << "=====\n\n";
    do {
        cout << "Samgyupsal Packages for today:\n";
        cout << "1. Pork Package.....1000.00\n";
        cout << "2. Beef Package.....1500.00\n";
        cout << "3. Chicken Package.....1200.00\n";
        cout << "4. Seafoods Package.....1300.00\n";
        cout << "5. All in One Package.....6000.00\n";
        cout << "_____ \n";
        cout << "Choose your Samgyupsal Package from the Menu: ";
        cin >> a;
        string chosen = "";
        double chosenPrice = 0.0;
        if (a == 1) {
            chosen = "Pork Package (1000.00)";
            chosenPrice = 1000.00;
            cout << "You selected the Pork Package (1000.00).\n\n";
            cout << "1.Fresh Meat Samgyupsal Thin or Thick Cut (500g)\n";
            cout << "2.Marinated Pork (500g) \n";
            cout << "3.Vegetable Set\n";
            cout << "4.Kinds of side dishes and Bean Pasta Stew\n";
            cout << "5.Pork Belly Lemon\n";
            cout << "6.Marinated Bacon\n";
        }
        else if (a == 2) {
            chosen = "Beef Packagen (1500.00)";
            chosenPrice = 1500.00;
            cout << "You selected the Beef Package (1500.00)\n\n";
            cout << "1.U.s Marbled Beef (300g)\n";
            cout << "2.Tender Beef (300g)\n";
            cout << "3.Beef Belly (300g)\n";
            cout << "4.Fresh Vegetable Set\n";
            cout << "5.Kinds of side dishes\n";
            cout << "6.Kani Bacon\n";
        }
        else if (a == 3) {
            chosen = "Chicken Package (1200.00)";
            chosenPrice = 1200.00;
            cout << "You selected the Chicken Package (1200.00).\n\n";
            cout << "1.Marinated Chicken Thin and Thick Cut\n";

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cout << "2.Chicken Barbecue\n";
cout << "3.Spicy Fried Chicken\n";
cout << "4.Fresh Vegetable Set\n";
cout << "5.Kinds of side dishes\n";
cout << "6.Grill Chicken\n";
}
else if (a == 4) {
chosen = "Seafoods Package (1300.00)";
chosenPrice = 1300.00;
cout << "You selected the Seafoods Package (1300.00).\n\n";
cout << "1.Grilled Shrimp\n";
cout << "2.Squid Rings\n";
cout << "3.Steamed Clams\n";
cout << "4.Grilled Octopus\n";
cout << "5.Spicy Tuna Sashimi\n";
cout << "6.Grilled Salmon\n";
}
else if (a == 5) {
chosen = "All in One Package (6000.00)";
chosenPrice = 6000.00;
cout << "You selected the All in One Package (6000.00).\n\n";
cout << "1.Fresh Meat Samgyupsal Thin or Thick Cut (500g)\n";
cout << "2.Marinated Pork (500g)\n";
cout << "3.Vegetable Set\n";
cout << "4.Kinds of side dishes and Bean Pasta Stew\n";
cout << "5.Pork Belly Lemon\n";
cout << "6.Marinated Bacon\n";
cout << "7.U.S. Marbled Beef (300g)\n";
cout << "8.Tender Beef (300g)\n";
cout << "9.Beef Belly (300g)\n";
cout << "10.Fresh Vegetable Set\n";
cout << "11.Kinds of side dishes\n";
cout << "12.Kani Bacon\n";
cout << "13.Marinated Chicken Thin and Thick Cut\n";
cout << "14.Chicken Barbecue\n";
cout << "15.Spicy Fried Chicken\n";
cout << "16.Fresh Vegetable Set\n";
cout << "17.Kinds of side dishes\n";
cout << "18.Grill Chicken\n";
cout << "19.Grilled Shrimp\n";
cout << "20.Squid Rings\n";
cout << "21.Steamed Clams\n";
cout << "22.Grilled Octopus\n";
cout << "23.Spicy Tuna Sashimi\n";
cout << "24.Grilled Salmon\n";
}
else {
cout << "Invalid Choice. Please choose from 1-5.\n";
}
if (chosen != "" && orderCount < 10) {
orders[orderCount] = chosen;
prices[orderCount] = chosenPrice;
totalPrice += chosenPrice;
orderCount++;
}

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}
cout << "\nDo you want to order another package of Samgyupsal? (Yes/No): ";
cin >> agdis;
} while (agdis != "no" && agdis != "No");
cout << "\n=====\\n";
cout << "You have ordered the following Packages:\\n";
for (int i = 0; i < orderCount; i++) {
cout << "- " << orders[i] << "\\n";
}
cout << "=====\\n";
cout << endl;
cout << "_____\\n";
cout << "=====\\n";
cout << "=   KaPogian Samgyupsal   =\\n";
cout << "=====\\n";
cout << "Samgyupsal Total Price: " << totalPrice << endl;
int tax = totalPrice * 0.12;
int grandTotal = totalPrice + tax;
cout << "Tax (12%): " << tax << endl;
cout << "Total Price: " << grandTotal << endl;
int payment = 0;
do {
cout << "Payment: ";
cin >> payment;
if (payment < grandTotal) {
cout << "Insufficient payment. Please try again.\\n";
}
} while (payment < grandTotal);
int change = payment - grandTotal;

if (change != 0) {
cout << "Your change is: " << change << "\\n";
}

else {
cout << "You have payed the Exact Amount thank you!\\n";
}

cout << "=====\\n";
cout << "=Thank you for ordering with KaPogian=\\n";
cout << "=====\\n";
return 0;
}

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