// Gavin Garner CS 317

// Software Sales

// This program calculates customer discounts for buying in bulk

#include <iostream>

#include <iomanip>

using namespace std;

int main()

{

float sold, discount;

float pack = 99.0; // cost of each package

cout << "Enter number of packages sold: ";

cin >> sold;

float total = pack \* sold;

if (sold == 0)

cout << "Please enter a value greater than 0 to calculate discount!" << endl;;

if (sold > 0 && sold < 10.0)

cout << "No discount is provided for under 10 packages purchased!" << endl;

discount = 1.0;

if (sold >= 10 && sold <= 19)

{

discount = 0.20;

}

if (sold >= 20 && sold <= 49)

{

discount = 0.30;

}

if (sold >= 50 && sold <= 99)

{

discount = 0.40;

}

if (sold >= 100)

{

discount = 0.50;

}

float discountPrice = total \* ( 1 - discount );

cout << setprecision(2) << fixed;

cout << "Your total payment is $" << discountPrice << endl;

return 0;

}







