using System;

public class Item

{

private double shippingWeight;

private string description;

public Item(double shippingWeight, string description)

{

this.shippingWeight = shippingWeight;

this.description = description;

}

public double GetPriceForQuantity()

{

return 0.0;

}

public double GetTax()

{

return 0.0;

}

public bool InStock()

{

return true;

}

}

public class OrderDetail

{

private int quantity;

private string taxStatus;

public OrderDetail(int quantity, string taxStatus)

{

this.quantity = quantity;

this.taxStatus = taxStatus;

}

public double CalcSubTotal()

{

return 0.0;

}

public double CalcWeight()

{

return 0.0;

}

public double CalcTax()

{

return 0.0;

}

}

public class Order

{

private DateTime date;

private string status;

public Order(DateTime date, string status)

{

this.date = date;

this.status = status;

}

public double CalcSubTotal()

{

return 0.0;

}

public double CalcTax()

{

return 0.0;

}

public double CalcTotal()

{

return 0.0;

}

public double CalcTotalWeight()

{

return 0.0;

}

}

public class Customer

{

private string name;

private string address;

public Customer(string name, string address)

{

this.name = name;

this.address = address;

}

}

public class Payment

{

private float amount;

public Payment(float amount)

{

this.amount = amount;

}

}

public class Cash : Payment

{

private float cashTendered;

public Cash(float amount, float cashTendered) : base(amount)

{

this.cashTendered = cashTendered;

}

}

public class Check : Payment

{

private string name;

private string bankID;

public Check(float amount, string name, string bankID) : base(amount)

{

this.name = name;

this.bankID = bankID;

}

public bool Authorized()

{

return true;

}

}

public class Credit : Payment

{

private string name;

private string type;

private DateTime expDate;

public Credit(float amount, string name, string type, DateTime expDate) : base(amount)

{

this.name = name;

this.type = type;

this.expDate = expDate;

}

public bool Authorized()

{

return true;

}

}