PRODUCT

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package bai1;

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\* @author THU THAO

\*/

public class Product {

private string description;

private string productlD;

private double price;

public Product( string description, string productlD, double price){

this.price = price;

this.description = description;

this.productlD = productlD;

}

public string getdescription() {

return description;

}

public void setdescription(string description) {

this.description = description;

}

public string getproductlD() {

return productlD;

}

public void setproductlD(string productlD) {

this.productlD = productlD;

}

public double getprice() {

return price;

}

public void setprice(double price) {

this.price = price;

}

@Override

public String toString() {

return "Product{" + "description=" + description + ", productlD=" + productlD + ", price=" + price + '}';

}

}

ORDER

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package bai1;

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\*

\* @author THU THAO

\*/

public class Order {

private int orderID;

private int count;

private LocalDate orderDate;

private OrderDetail lineltems;

public Order( int orderID, int count, LocalDate orderDate, OrderDetail lineltems) {

this.count = count;

this.orderID = orderID;

this.orderDate = orderDate;

this.lineltems = lineltems;

}

public int getorderID() {

return orderID;

}

public void setorderID(int orderID) {

this.orderID = orderID;

}

public int getcount() {

return count;

}

public void setcount(int count) {

this.count = count;

}

public LocalDate getorderDate() {

return orderDate;

}

public void setorderDate(LocalDate orderDate) {

this.orderDate = orderDate;

}

public OrderDetail getlineltems() {

return lineltems;

}

public void setlineltems (OrderDetail lineltems) {

this. lineltems = lineltems;

}

@Override

public String toString() {

return "Order{" + "count=" + count + ", orderID=" + orderID + ", orderDate=" + orderDate + ", lineltems=" + lineltems + '}';

}

}

ORDERDETAIL

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/\*\*

\*

\* @author THU THAO

\*/

public class OrderDetail {

private int quatily;

private Product product;

public OrderDetail( int quatily, Product product ){

this.quatily = quatily;

this.product = product;

}

public int getquatily() {

return quatily;

}

public void setquatily(int quatily) {

this.quatily = quatily;

}

public Product getproduct() {

return product;

}

public void setproduct(Product product ) {

this.product = product;

}

@Override

public String toString() {

return "OrderDetail{" + "quatily=" + quatily + ", product=" + product + '}';

}

}

MAIN

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public class Main {

public static void main(String[] args) {

// Tạo sản phẩm

Product product1 = new Product("P001", "Product 1", 10.0);

Product product2 = new Product("P002", "Product 2", 20.0);

// Tạo hóa đơn

Order order = new Order(1, LocalDate.now());

// Thêm sản phẩm vào hóa đơn

order.addlineltem(product1, 5);

order.addlineltem(product2, 3);

// Tính tổng tiền hóa đơn

double totalCharge = order.calcTotalCharge();

// In thông tin hóa đơn

System.out.println("Order ID: " + order.getOrderID());

System.out.println("Order Date: " + order.getOrderDate());

System.out.println("Total charge: " + totalCharge);

System.out.println("Line items:");

for (Orderdetail lineItem : order.getlineltems()) {

System.out.println(lineltem.getProduct().getDescription() + " - " + lineltem.getquantity() + " - " + lineltem.calcTotalPrice());

}

}

}

