public class Product {

    private String name;

    private int quantity;

    private double price;

    private static double income;

    private static int numberofAllProduct;

    private static double priceofAllProduct;

    public static final String DEFAULT\_NAME = "Product";

    public static final int DEFAULT\_QUANTITY = 0;

    public static final double DEFAULT\_PRICE = 0;

    Product(){

        this(DEFAULT\_NAME,DEFAULT\_QUANTITY,DEFAULT\_PRICE);

    }

    Product(String name ,int quantity,double price){

        this.name = name;

        this.quantity = quantity;

        this.price = price;

        this.priceofAllProduct+=price\*quantity;

        this.numberofAllProduct+=quantity;

    }

    public String getName() {

        return name;

    }

    public int getQuantity() {

        return quantity;

    }

    public double getPricePerUnit() {

        return price;

    }

    public double getTotalPrice() {

        return price\*quantity;

    }

    public double exportProduct(int quantity){

        if(quantity<=this.quantity){

            income +=this.price\*quantity;

            this.quantity-=quantity;

            this.priceofAllProduct-=income;

            this.numberofAllProduct-=quantity;

            System.out.println("Export "+ name +" : "+quantity+" value "+price\*quantity+" $");

        }

        else{

            System.err.println("To much of unit to export!");

        }

        return income;

    }

    public static int getNumberofAllProduct() {

        return numberofAllProduct;

    }

    public static double getPriceofAllProduct() {

        return priceofAllProduct;

    }

    public static double getIncome() {

        return income;

    }

    @Override

    public String toString() {

        return "Product [name=" + name + ", price/unit=" + price +", price of all =" + price\*quantity + ", quantity=" + quantity + "]";

    }

}