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/** Student union shop documantation*/

import java.util.Scanner;

public class StudentShop {

    // main method
    public static void main(String args[]){

        double caps = 5.00;
        double shirts = 10.00;
        double hoodies = 20.00;
        double totalCost;

        Scanner input;
        // welcome message
        System.out.println("Welcome to our student union shop");
        System.out.println("");
        System.out.println("We have the following items to sell");
        System.out.println("");
        System.out.println("Caps " + caps + " Euros");
        System.out.println("Shirts " + shirts + " Euros");
        System.out.println("Hoodies " + hoodies + " Euros");
        // gather caps data
        System.out.println("");
        input = new Scanner(System.in);
        System.out.println("Please enter how many caps you would like to buy");
        caps = input.nextDouble();
        // gather shirts data
        System.out.println("");
        input = new Scanner(System.in);
        System.out.println("Please enter how many shirts you would like to buy");
        shirts = input.nextDouble();
        // gather hoodies data
        System.out.println("");
        input = new Scanner(System.in);
        System.out.println("Please enter how many hoodies you would like to buy");
        hoodies = input.nextDouble();
        // Process the total cost of the cart
        totalCost = caps * 5.00 + shirts * 10.00 + hoodies * 20.00;
        // display the contents of the cart and total cost
        System.out.println("");
        System.out.println("Your cart is Caps x " + (int)caps + " , Shirts x " + (int)shirts + " and Hoodies x " + (int)hoodies);
        System.out.println("");
        System.out.println("Total cost is " + totalCost + " Euros");
        System.out.println("");
        System.out.println("Thank you for shopping at our student union shop :)");
        System.out.println("");

    } // end main method

} // end class
```