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//COSC1430-001

//Project#5

//Due Date:4/7/22

//I will be making a class that will keep track of the item sales.

public class ItemTotals {

// Attribute names

int numberSold = 0;

double totalSales = 0;

double totalDiscounts = 0;

double costPerItem = 6.99;

int bulkQuantity = 7;

double bulkDiscountPercentage = 0.06;

// Methods used

void registerSales(int n) {

numberSold = n;

if (n <= bulkQuantity) {

totalDiscounts = 0;

totalSales = costPerItem \* numberSold;

} else {

totalDiscounts = costPerItem \* numberSold \* bulkDiscountPercentage;

totalSales = costPerItem \* numberSold \* (1 - bulkDiscountPercentage);

}

}

void displaySales() {

System.out.println("Number of items sold is " + numberSold);

System.out.println("Total number of sales is " + totalSales);

System.out.println("Total number of discounts is " + totalDiscounts);

}

//There will be a test to see if the class works.

public static void main(String[] args) {

ItemTotals test = new ItemTotals();

test.registerSales(30);

test.displaySales();

}

}