OOP

Assignment lab 4



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| Class | Section A |
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package hotdog1;

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\* @author Windows

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public class HotDogStand {

private int IDNumber;

private int hotDogsSold = 0;

private static int totalSold = 0;

public HotDogStand(int ID, int sold) {

IDNumber = ID;

hotDogsSold = sold;

}

public int getID() {

return IDNumber;

}

public void setID(int ID) {

IDNumber = ID;

}

public void justSold() {

if (hotDogsSold > 0) {

hotDogsSold++;

}

}

public int sold() {

return hotDogsSold;

}

public static int getTotal() {

return totalSold;

}

}

**Runner Class**

public class Abc {

public static void main(String[] args) {

HotDogStand stand1 = new HotDogStand(1, 11);

HotDogStand stand2 = new HotDogStand(2, 17);

HotDogStand stand3 = new HotDogStand(3, 6);

stand1.getID();

stand2.getID();

stand3.getID();

stand1.setID(1);

stand2.setID(2);

stand3.setID(3);

stand1.justSold();

stand2.justSold();

stand3.justSold();

stand1.justSold();

stand1.justSold();

stand1.justSold();

stand3.justSold();

stand1.getTotal();

stand2.getTotal();

stand3.getTotal();

int grandTotal = stand1.getTotal() + stand2.getTotal() + stand3.getTotal();

System.out.println("Stand " + stand1.getID() + " sold a total of " + stand1.getTotal() + " hotdogs.");

System.out.println("Stand " + stand2.getID() + " sold a total of " + stand2.getTotal() + " hotdogs.");

System.out.println("Stand " + stand3.getID() + " sold a total of " + stand3.getTotal() + " hotdogs.");

System.out.println("The total amount of hotdogs sold by all the stands was " + grandTotal);

}

}

