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**Assignment 4**

package lab4;

public class Runner {

public static void main(String[] args){

HotDogsStand stand1=new HotDogsStand(121,1);

stand1.justsold();

stand1.justsold();

stand1.justsold();

stand1.justsold();

stand1.justsold();

stand1.justsold();

HotDogsStand stand2=new HotDogsStand(456,4);

System.out.println("No of hot dogs that were sold by stand of ID "+stand1.info()+" were "+stand1.justsold());

stand2.justsold();

stand2.justsold();

stand2.justsold();

stand2.justsold();

System.out.println("No of hot dogs that were sold by stand of ID "+stand2.info()+" were "+stand2.justsold());

HotDogsStand stand3=new HotDogsStand(989,2);

stand3.justsold();

stand3.justsold();

stand3.justsold();

System.out.println("No of hot dogs that were sold by stand of ID "+stand3.info()+" were "+stand3.justsold());

System.out.println("Total number of hot dogs that were sold by all three stands were "+stand1.totalsold());

}

}

package lab4;

public class HotDogsStand {

private int id\_number;

private int total\_sold;

private static int totalsold;

HotDogsStand(int id\_number,int total\_sold){

this.id\_number=id\_number;

this.total\_sold=total\_sold;

totalsold=totalsold+total\_sold;

}

public int info(){

return id\_number;

}

public int justsold(){

total\_sold++;

totalsold++;

return total\_sold;

}

public int totalsold(){

return totalsold;

}

}

