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package u7a1\_couoccinsevints;

import java.util.Scanner;

/\*\*

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public class U7a1\_CouOccInSevInts {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

Scanner num=new Scanner(System.in);

//The number is used to set what will be entered into the system

//The counter is used to set the size of the array.

int number[]=new int[7];

int counter[]=new int[100];

int placeHolder=0;

System.out.println("Enter Seven Numbers: ");

//This runs through the users respose and places the numbers in an Array

for (int i=0; i<number.length;i++){

number[i]=num.nextInt();

}

// This for loop is used to take the value entered and store it in the counter

//to keep track of the total number of occurances

for (int i=0; i<number.length; i++){

placeHolder=number[i];

counter[placeHolder]++;

}

//This for loop runs through the numbers entered to see which are doubles

//once it is found it is printed in numberical order and how many times it shows

for(int i=1;i<counter.length;i++){

if(counter[i]> 0&&counter[i]==1){

System.out.printf("Number %d occurs %d times\n",i,counter[i]);

}

else if(counter[i]>=2){

System.out.printf("Number %d occurs %d times\n",i,counter[i]);

}

}

}

}