

Java Int Sample Class Project

WEATHER FORECAST: Program to find the highest and lowest temperature in a week using the concept of arrays

```
/*
 * To change this license header, choose License Headers in Project
Properties.
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 * and open the template in the editor.
 */
package homework.pkg11.pkg15.pkg15;

import java.util.Scanner;

/**
 *
 * @author Kyle
 */
public class Homework111515 {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
        /* Number in array search
        int[] numbers = new int[7];
        numbers[0]=8;
        numbers[1]=11;
        numbers[2]=9;
        numbers[3]=72;
        numbers[4]=38;
        numbers[5]=55;
        numbers[6]=19;
        Scanner c = new Scanner(System.in);
        System.out.println("Enter a number to check for in the array.");
        int CheckNum = c.nextInt();
        for (int i=0; i<numbers.length; i++) {
            if (numbers[i]==CheckNum) {
                System.out.println(" " + (i+1) + " equals " + CheckNum
+ ".");
            }
        } */
        int[] temps = new int[31];
        temps[0]=67;
        temps[1]=83;
        temps[2]=79;
        temps[3]=75;
        temps[4]=56;
        temps[5]=71;
        temps[6]=88;
        temps[7]=68;
        temps[8]=71;
```

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```
    temps[9]=62;
    temps[10]=55;
    temps[11]=53;
    temps[12]=55;
    temps[13]=58;
    temps[14]=70;
    temps[15]=83;
    temps[16]=77;
    temps[17]=69;
    temps[18]=63;
    temps[19]=59;
    temps[20]=56;
    temps[21]=50;
    temps[22]=47;
    temps[23]=46;
    temps[24]=49;
    temps[25]=48;
    temps[26]=59;
    temps[27]=71;
    temps[28]=80;
    temps[29]=87;
    temps[30]=85;
    int highestTemp = 0;
    int highestDay = 0;
    for (int i=0; i<temps.length; i++) {
        if (temps[i]>highestTemp) {
            highestTemp=temps[i];
            highestDay=i+1;
        }
    }
    System.out.println("Day " + highestDay + " had the highest
temperature at " + highestTemp + " degrees Fahrenheit.");
}
}
```