Zachary Goss

Week 7 COP 2930

**Question 1**

**Code:**

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\*/

/\*\*

\*

\* @author Zach

\*/

import java.util.Scanner;

public class Question1 {

public static void main(String[] args)

{

Scanner input = new Scanner(System.in);

String fullname = new String();

System.out.println("Hello, please enter your full name below.");

fullname = input.nextLine();

String[] names = fullname.split(" ");

System.out.printf("%s, %s", names[names.length-1], names[0]);

}

}

**Output:**

debug:

Hello, please enter your full name below.

Zachary Goss

Goss, ZacharyBUILD SUCCESSFUL (total time: 3 seconds)

**Question 2**

**Code:**

/\*

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\* @author Zach

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import java.util.Scanner;

public class Question2 {

public static void main(String[] args)

{

Scanner input = new Scanner(System.in);

System.out.println("Hello, please enter your full name below");

String name = new String();

name = input.nextLine();

String [] token = name.split (" ");

String first = token [0];

String last = token [1];

first = first.toUpperCase();

last = last.toUpperCase();

System.out.println ("First name: " + first);

System.out.println ("Last name: " + last);

}

}

**Output:**

debug:

Hello, please enter your full name below

zachary goss

First name: ZACHARY

Last name: GOSS

BUILD SUCCESSFUL (total time: 5 seconds)

**Question 3**

**Code:**

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\*

\* @author Zach

\*/

import java.util.Scanner;

public class Question3 {

public static void main(String[] args)

{

Scanner input = new Scanner(System.in);

String number1 = new String();

String number2 = new String();

System.out.println("Hello, please enter your first string to be tested. ");

number1 = input.nextLine();

System.out.println("Thank you! Now enter the second string to be judged");

number2 = input.nextLine();

if(number1.compareTo(number2) < 0) //number1 is less meaning comes first alphabetically

{//negative number, first one comes first, 0 equal, positive second comes first

System.out.println("Your first phrase: " + number1 + " comes before your second phrase: " + number2);

}

else if (number1.compareTo(number2) > 0)

{

System.out.println("Your second phrase " + number2 + " comes before your first phrase: " + number1);

}

else

{

System.out.println("Your first phrase: " + number1 + " and your second phrase: " + number2 + " are equal.");

}

}

}

**Output:**

debug:

Hello, please enter your first string to be tested.

Zachary

Thank you! Now enter the second string to be judged

Goss

Your second phrase Goss comes before your first phrase: Zachary

BUILD SUCCESSFUL (total time: 4 seconds)