Assignment 3

Due date – Sunday 25th Oct 2019.

Create a java class LastnameFirstnameA3.java to:

1. Store the given string 1, string 2, string 3. Please use the strings as below and **do not use any other strings**. You can directly initialize the strings in the program, no need to accept the strings as input from the user.

string1 = This is Java assignment 3

string2 = this Is JAVA Assignment 3

string3 = This is an example of substring. The user will be entering 2 numbers to get substring.

2. Print string1 and string2.
3. Compare string1 and string2 and check if they're lexicographically equal (**Ignoring Case**) and if they're equal then print " string1 and string2 are lexicographically equal" else print "string1 and string2 are lexicographically unequal".
4. Concatenate string1 and string2 and print it.
5. Take two inputs from the user for the start and end index for string3, print the substrings accordingly for string3.

(you can use Scanner Class to read input from the keyboard, for more details refer to https://docs.oracle.com/javase/7/docs/api/java/util/Scanner.html)

3. Print the longest word from string3.
4. Capitalize and print the words from string3 in the reverse order.

Sample Input 1: The program should prompt the below information from the user.

Enter start index for string3 : 8

Enter end index for string3: 14

Sample Output 1:

String1 is: This is Java assignment 3

String2 is: this Is JAVA Assignment 3

String 1 and String 2 are lexicographically equal

Concatenated string: This is Java assignment 3 this

Is JAVA Assignment 3

Substring is: an exa

Longest Word in string 3: substring

Reversed Capital Paragraph: SUBSTRING GET TO NUMBERS 2 ENTERING BE WILL USER THE….(complete quoted text)

Note:

1. The program should always print '**Program Completed**' before exiting.
2. Give comments to increase code readability.
3. Mention the sources used to complete the assignment.
4. Submit .java file only.