```
CSE 3342
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Hods
package hw03j:
import java.net.*;
import java.io.*;
import java.io.*;
import java.ii.*;
impor
                            public class HWO3.L (
                                         static List<String> strToList = new ArrayList<String>();
                                          //return the whole string
public static String riuntRoader(String inputURL) throws Exception
{
                                                     UFL webpage = new UFL(inputUFL): // Set the UFL to my index.html

BufferedReader in = new BufferedReader(new inputStreamReader(webpage.openStream())); // Dynamically allocate the BufferedReader

String inputLine = null: // Create a String to hold the readLine address

String hold(ine = null: me = null) // While the read in is not empty, print the line to check
                                                                   //add to list for processing -> call function on strToList
inputLine += holdLine;
                                                        //close the file
in.close();
                                                     return inputLine;
                                           public static List<String> f2GleanString(String inputString)
   List<String> strinList = new ArrayList<String>();
String[| cleanedString = null;
String[| splittedString = inputString.replaceAll("[^a-z\lambda-Z]", " ").toLowerCase().split("\sqrt{nus+"});
                                                         7/984 to unsuled make measure [1] 88 ['div'.equals(splittedString[]) 88 ['h'.equals(splittedString[]) 88 ['charset'.equals(splittedString[]) 88 ['div'.equals(splittedString[]) 88 ['charset'.equals(splittedString[]) 88 ['div'.equals(splittedString[]) 88 ['charset'.equals(splittedString[]) 88 ['div'.equals(splittedString[]) 88 ['charset'.equals(splittedString[]) 88 ['c
                                                                                             strInList.add(splittedString[i]);
                                                                            }
                                                      return strinList;
                                          public static Map<String, Integer> #3ListToWap(List<String> inputList) throws Exception {
                                                      //Read in the list of ignorewords from the URL
List<String> ignoreList = new ArrayList<String>();
                                                        UPL ignoreWordsIxt = new UPL("http://iyle.smu.edu/-coyle/3342/hw3.ignoreWords.txt"); // Set the UPL to my index.html

BufferedReader in = new BufferedReader(new inputStreamReader(ignoreWordsIxt.openStream())); // Dynamically allocate the BufferedReader

String ignoreWords = null; // Create a String to hold the readLine address
                                                        //Store the ignorewords into list for compariso
while((ignoreWords = in.readLine()) != null) {
                                                                 ignoreList.add(ignoreWords);
                                                      }
//close the file
   //Compare inputList vs ignoreList and erase if inputList has anything with ignoreList 
//Have the words in Either List by putling the inputList and adding ignoreLists 
List<trip> inEitherList = new ArrayList<String>(inputList);
inEitherList.addAll(ignoreList);
                                                        //Mave the words in Both Lists by putting the inputList, retaining everything in ignoreList, and remove everything that's in both lists from eitherlist ListList$tring> inBothList = new ArrayList$tring>(inputList);
inEitherList.removeAll(inBothList);
                                                        //build map from the checked and trimmed list
Map<String, Integer> pairedMap = new HashMap<String, Integer>();
                                                      //if the function does not hold a key, add it, if it does, add the count for(int i=0: i< inEltherList.size(): i**-} {
    if(!pairedMap.containskey(inEltherList.set(i)))
    pairedMap.put(inEltherList.set(i), 1);
    else {
                                                                                              Integer eachWordCount = pairedMap.get(inEitherList.get(i));
pairedMap.put(inEitherList.get(i), eachWordCount+1);
                                                        return pairedMap;
                                          public static String #4jsonOutput(Map <String, Integer> inputMap, Integer nOfWords) throws Exception {
                                                        //initialize the string for usage
String jsonString = "";
MandString Integers newMan = new HachMandString Integers():
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                                                        Map<String, Integer> newMap = new HashMap<String, Integer>();
                                                        for(int i=0; i<nOfWords; i++) {
  int max = 0;
  String word = null;</pre>
                                                                    Iterator iterat = inputMap.keySet().iterator();
                                                                   while(iterat.hasNext()) {
   Object key = iterat.next();
   Object value = inputMag.get(key);
                                                                                pop off the biggest key value pair
if((int)value > max) {
  max = (int)value;
  word = (String) key;
                                                                                r
newMap.put(word, max);
iterat.remove();
                                                        //Get the top N words in order
                                                      for(int i=0; i<1; i++) {
   int max = 0;
   String word = "";</pre>
                                                                    Iterator iterat = newMap.keySet().iterator();
                                                                    while(iterat.hasNext()) {
   Object key = iterat.next();
   Object value = newNex cat();
```

```
while(iterat.hasNext()) {
   Object key = iterat.next();
   Object value = newMap.get(key);
128 | 129 | 131 | 132 | 133 | 134 | 135 | 136 | 136 | 137 | 138 | 140 | 141 | 145 | 147 | 148 | 147 | 155 | 152 | 155 | 157 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 
                                                                                                                                                                cop off the biggest key value pair
if((int)value > max) {
   max = (int)value;
   word = (String) key;
}
                                                                                                                                                                  }

JsonString += "{\\" + word + "\\":" + max + "}";

iterat.remove();
                                                                                           System.out.<mark>println(</mark>jsonString<mark>)</mark>;
                                                                                  return jsonString;
}
                                                                                  /**

+ @param args the command line arguments
                                                                                  public static void main(String[] args) throws Exception {
                                                                                                            String stringedUPL = f10RLReader("https://iyle.sau.edu/-seungkil/3342/index.html"); List-String> listOfStrings = f20leanString(stringedURL); Maps-String, Integer> filteredMap = f3ListToMap(listOfStrings); f4.jsonOutput(filteredMap.3);
```

Output - HW03J (run) ×

run:

("wostly":2]{"Inter"

BUILD SUCCESSFUL (tot run: {"mostly":2}{"inter ":7}{"interpreter ":3} BUILD SUCCESSFUL (total time: 0 seconds)