oint	1.	Consider finding all the YouTube links on a web page. What is the video for the second YouTube link on the web page
		http://www.dukelearntoprogram.com/course2/data/manylinks.html about?
		STEM
		Potatoes
		Walt Disney cartoons
		Turkeys, Ducks and Quails
	2.	Consider the following mystery method.
nt		<pre>1 - public String mystery(String dna) { 2 int pos = dna.indexOf("T");</pre>
		3 int count = 0; 4 int startPos = 0;
		<pre>5 String newDna = ""; 6 if (pos == -1) {</pre>
		7 return dna; 8 }
		<pre>9 * while (count < 3) { 10 count += 1; 11 newDna = newDna + dna.substring(startPos,pos);</pre>
		12 startPos = pos+1; 13 pos = dna.indexOf("T", startPos);
		14 - if (pos == -1) { 15 break;
		16 } 17 } 18 newDna = newDna + dna.substring(startPos);
		19 return newDna; 20 }
		Which of the following best describes what it does?
		The method mystery is given a string and it returns a string which is the same string but with the each T each replaced with two T's.
		The method mystery is given a string and it returns a string which is three copies of the original string.
		The method mystery is given a string and it returns a string which is the same string but with all the T's removed.
		The method mystery is given a string and it returns a string which is the same string but with the first three T's each replaced with two T's.
		The method mystery is given a string and it returns a string which is the same string but with the first three T's removed.
1	3.	Use the following data file to answer this question:
oint		http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. How many genes are in this file?
		65
	4	Use the following data file to answer this question:
point	4.	http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. How many genes in this file are
		longer than 60?
		22
1	5.	Use the following data file to answer this question:
point	0.	http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. How many genes in this file have cgRatio greater than 0.35?
		47
		Use the following data file to answer this question which represents one long strand of
1 int	6.	DNA: http://www.cs.duke.edu/~rodger/GRch38dnapart.fa . How many times does the codon CTG appear in this strand of DNA?

point

http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. What is the length of the longest gene in the collection of genes found in this file?

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I, Ning Zheng, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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