Congratulations! You passed!

Next Item

1 / 1 points

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?

1 / 1 points

2. Consider the following mystery method.

```
public String mystery(String dna) {
  int pos = dna.indexOf("T");
  int count = 0;
  int startPos = 0;
  String newDna = "";
  if (pos == -1) {
    return dna;
  }
  while (count < 3) {
    count += 1;
    newDna = newDna + dna.substring(startPos,pos);
    startPos = pos+1;
    pos = dna.indexOf("T", startPos);
    if (pos == -1) {
      break;
    }
  }
  newDna = newDna + dna.substring(startPos);
  return newDna;
}
```

Which of the following best describes what it does?

1 / 1 points

3. Use the following data file to answer this question: http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. How many genes are in this file?

1 / 1 points

4. Use the following data file to answer this question: http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. How many genes in this file are longer than 60?

1 / 1 points

5. Use the following data file to answer this question: http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. How many genes in this file have cgRatio greater than 0.35?

0 / 1 points

6. Use the following data file to answer this question which represents one long strand of DNA: http://www.cs.duke.edu/~rodger/GRch38dnapart.fa. How many times does the codon CTG appear in this strand of DNA?

1 / 1 points

7. Use the following data file to answer this question: 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?