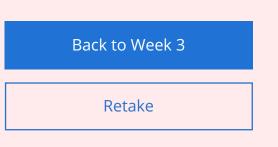
Quiz, 10 questions



Required to pass: 80% or higher

You can retake this quiz up to 3 times every 8 hours.





Suppose a web log is modified to now have a sixth piece of information, a priority, that can be represented as a String.



Which one of the following is the <u>least</u> likely change to the LogEntry class to accommodate this new part of a web log?



Consider the following code for the **readFile** method of the **LogAnalyzer** class.



```
public void readFile(String filename) {
       FileResource fr = new FileResource(filename);
      for (String line : fr.lines()) {
           LogEntry le = WebLogParser.parseEntry(line);
5
6 }
```

In the **Tester** class, **readFile** is called with a correct filename, and then **printAll** is called, but nothing is printed.

Which one of the following is likely the best reason why?



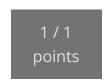
Consider the following code for the method **printAllHigherThanNum** with one integer parameter **num**. This method should print all the logs that have a status code higher than **num**.



Which one of the following would be the best choice for suitable code for this method?



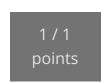
Run the method countUniquelPs on the file weblog2_log. 4.



How many unique IP addresses are in the file?



Run the method uniquelPVisitsOnDay("Sep 27") on the file weblog2_log. 5.



What size is the ArrayList that is returned?



6. Run the method countUniquelPsInRange(200,299) on the file weblog2_log.



What number is returned?



Run the method **mostNumberVisitsByIP** after a HashMap has been created from the method countVisitsPerIP on the file weblog2_log.



What number is returned?



Run the method iPsMostVisits after a HashMap has been created from the method countVisitsPerIP on the file weblog2_log.



What single IP address is returned in the ArrayList?



Run the method dayWithMostIPVisits with a HashMap has been created from the method iPsForDays on the file weblog2_log.



What day is returned?



Run the method **iPsWithMostVisitsOnDay** with two parameters—one, a HashMap that has been created from the method **iPsForDays** on the file **weblog2_log** and two, the day "Sep 29".



One IP address is returned in the ArrayList—what is it?





