❌ Required to pass: 80% or higher

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

[Back to Week 3]

[Retake]

❌ **1.**

0 / 1 points

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?

❌ **2.**

0 / 1 points

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

```
1  public void readFile(String filename) {
2      FileResource fr = new FileResource(filename);
3      for (String line : fr.lines()) {
4          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?

❌ **3.**

0 / 1 points

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?

✔️ **4.**

1 / 1 points

Run the method **countUniqueIPs** on the file **weblog2_log**.

How many unique IP addresses are in the file?

✔️ **5.**

1 / 1 points

Run the method **uniqueIPVisitsOnDay("Sep 24")** on the file **weblog2_log**.

What size is the ArrayList that is returned?

✔️ **6.**

1 / 1 points

Run the method **countUniqueIPsInRange(200,299)** on the file **weblog2_log**.

What number is returned?

✔️ **7.**

1 / 1 points

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

What number is returned?

✔️ **8.**

1 / 1 points

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?

✔️ **9.**

1 / 1 points

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

What day is returned?

✔️ **10.**

1 / 1 points

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?