

Reading Log Files

Practice Quiz, 3 questions

1
point

1.

Which one of the following is the correct code for the constructor **LogAnalyzer**?

☐

```
1 records = new ArrayList<LogEntry>();
```

☐

```
1 records = new ArrayList<LogEntry>(filename);
```

☐

```
1 ArrayList<LogEntry> records = new ArrayList<LogEntry>(filename);
```

☐

```
1 ArrayList<LogEntry> records = new ArrayList<LogEntry>();
```

1
point

2.

Which one of the following is the best answer for the line in the method **readFile** that will use **WebLogParser** to parse a line from the file?

Assume that **line** is a String representing one line from the file.

☐

```
1 WebLogParser.parseEntry(line);
```

☐

```
1 System.out.println(WebLogParser.parseEntry(line));
```

☐

```
1 WebLogParser.parseEntry(line) = LogEntry le;
```

☐

```
1 LogEntry le = WebLogParser.parseEntry(line);
```

1
point

3.

Suppose a new integer variable named **location** will be added as a private variable to the **LogEntry** class. This variable should be initialized as 0 just once when the object is created.

Practice Quiz, 3 questions

Where is the best location in the class to initialize this variable?

- ☐ Initialize **location** when it is declared as a private variable, not in a method, as:

```
1 private int location = 0;
```

- ☐ Initialize **location** in the **readFile** method with the code:

```
1 location = 0;
```

- ☐ Initialize **location** in the constructor with the code:

```
1 int location = 0;
```

- ☐ Initialize **location** in the **readFile** method with the code:

```
1 int location = 0;
```

- ☐ Initialize **location** in the constructor with the code:

```
1 location = 0;
```

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