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Grade received 100% To pass 80% or higher

Module Review

Latest Submission Grade 100%

1. Why can it sometimes be cumbersome to work with files in Java?

1 / 1 point

- ☐ It isn't. Reading and writing files in Java is very straightforward.
- ☐ Because early portions of Java files system haven't been updated yet.
- ☒ Because Java is platform neutral.

✓ Correct
Correct.

2. What is a Java **input stream**?

1 / 1 point

- ☐ A wrapper around a data source that makes bulk processing convenient and fast.
- ☐ A physical device connection for the purpose of reading and writing data.
- ☒ A logical connection to an external source for the purposes of input.

✓ Correct
Correct.

3. Why might you use **LineNumberReader** instead of **BufferedReader**?

1 / 1 point

- ☒ So you can read lines.

✓ Correct
Correct.

- ☐ It would be better to always use `BufferedReader`.
- ☐ Because it's a more efficient superclass.
- ☒ To track the line number.

✓ Correct
Correct.

4. With **LineNumberReader**, if you use a loop to read lines until you run out, what will happen?

1 / 1 point

- ☐ It will throw an exception.
- ☒ It will return a null value.
- ☐ It will move to the next code block.

✓ Correct
Correct.

5. What type of file is the **properties** file?

1 / 1 point

- ☐ Can be any type of file as long as it is specified.
- ☒ A text file.
- ☐ A binary file.

✓ Correct

Correct.

6. What can a **properties** file be used for?

1 / 1 point

- ☒ to localize data.
- ☐ to define system properties for Java.
- ☐ to identify output devices.

✓ **Correct**
Correct.

7. Which major additions to the **Java Class Library** were introduced in Java 7? (select all that apply)

1 / 1 point

- ☐ Java Streams
- ☒ Improved Socket I/O

✓ **Correct**
Correct.

- ☒ Asynchronous I/O

✓ **Correct**
Correct.

- ☒ File I/O feature enhancements

✓ **Correct**
Correct.

8. What are the two basic abstract classes in the java.io package?

1 / 1 point

- ☐ BufferedReader
- ☒ OutputStream

✓ **Correct**
Correct.

- ☐ LineNumberReader
- ☒ InputStream

✓ **Correct**
Correct.

9. There are three steps to write text to a file.

1 / 1 point

1. Connect an output stream to the file
2. Write text data to the stream

What is the third step?

- ☒ Close the stream
- ☐ Check for exceptions
- ☐ Flush the memory

✓ **Correct**
Correct.

10. What does the file class do?

1 / 1 point

- ☐ Read and write to/from files.
- ☐ Write to files but not read

☐ Write to files but not read.

☐ Read from files but not write.

☒ Discover properties of files and directories.



Correct

That's right!