

**Question: 1** Can a text file written by a Java program be read by programs written in other languages?

**Your Answer:** No---Java uses its own text file format. ❌

**Correct Answer:** Yes---usually there will be no problem.

**Description:** None

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**Question: 2** For characters from the English (Roman) alphabet, how many bytes are used per character in the Program and how many are used on a disk file?

**Your Answer:** None ❌

**Correct Answer:** program: 2 disk file: 1

**Description:** None

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**Question: 3** What does closing a file do?

**Your Answer:** Finishes processing the file, only. ❌

**Correct Answer:** Flushes pending output and finishes processing the file.

**Description:** None

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**Question: 4** When a file is opened for appending where does write() put new text?

**Your Answer:** Where ever the user specifies. ❌

**Correct Answer:** At the end of the file.

**Description:** None

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**Question: 5** What method ensures that data from previous calls to write() is sent to disk and leaves the file open?

**Your Answer:** flush() ✔️

**Correct Answer:** flush()

**Description:** None

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**Question: 6** What class should be used to buffer the characters sent to a FileWriter stream?

**Your Answer:** BufferedWriter ✔️

**Correct Answer:** BufferedWriter

**Description:** None

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**Question: 7** What does the following constructor do: `FileWriter fw = new FileWriter( "myFile.txt" );`

**Your Answer:** A new "myFile.txt" will be created in the current directory, or a previous one will be opened for appending. ❌

**Correct Answer:** Any previous "myFile.txt" in the current directory will be deleted and a new one created.

**Description:** None

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**Question: 8** What happens if a FileWriter constructor is given an illegal file name?

**Your Answer:** The program bombs immediately. ❌

**Correct Answer:** An IOException is thrown.

**Description:** None

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**Question: 9** What method a buffered character stream sends the correct characters for terminating a line of text on the computer running the program?

**Your Answer:** `buf.writeLine();` ❌

**Correct Answer:** `buf.newLine();`

**Description:** None

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**Question: 10** What is the abstract class that is the ancestor of all character output streams?

**Your Answer:** OutputStream ❌

**Correct Answer:** Writer

**Description:** None