Writer Classes

	Buffering	Data Format	Features	Use Case
BufferedWriter	Yes	Characters	Supports line breaks with `newline` method.	Writing large amounts of text to a file
FileWriter	Yes but much smaller buffer than BufferedWriter,	Characters	No separate method for line separators, would need to write manually	Writing small amounts of text to a file
PrintWriter	No, but often used with a BufferedWriter.	Characters, numbers and objects	Familiar methods, that have same behavior as System.out methods	Writing text to a file, formatting output, and outputting objects

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What does it mean to flush an output buffer?

For writing files, there's temporary storage, that gets filled up as writes are executed, on a Writer class.

Physical writes to disk happen when the buffer is flushed.

This is the process of taking the text stored in the buffer, and writing it to the output file, and clearing the buffer's cache.

The frequency of flushing can be affected by a number of factors, including the size of the buffer, the speed of the disk, and the amount of data that's being written to the file.

What does it mean to flush an output buffer?

The buffer is always flushed when a file is closed.

You can manually flush a buffer, by calling the flush method.

You might want to do this, meaning flush more frequently, when working with time sensitive data.

Any other thread or process that's reading the file, won't be able to see the buffered text, until the flush occurs.

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