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# Java Q&A ON I/O Streams

## Q: What are the two types of I/O available in Java?

A: The two types of I/O in Java are:  
1. Byte Stream (InputStream/OutputStream)  
2. Character Stream (Reader/Writer)

## Q: What is the difference between the Reader/Writer class hierarchy and the InputStream/OutputStream class hierarchy?

A: InputStream/OutputStream deal with byte-oriented data, whereas Reader/Writer deal with character-oriented data.

## Q: What value does readLine method returns when it reaches end of the file?

A: The readLine() method returns null when it reaches the end of the file.

## Q: What value does read method return when it reaches end of file?

A: The read() method returns -1 when it reaches the end of the file.

## Q: What is serialization in Java?

A: Serialization is the process of converting an object into a byte stream so that it can be saved to a file or transmitted over a network.

## Q: How many methods are found in Serializable interface?

A: The Serializable interface does not contain any methods. It is a marker interface.

## Q: In which Java Package is the Serializable interface found?

A: The Serializable interface is found in the java.io package.

## Q: What are the static variables found in System Class in Java?

A: The static variables in the System class are:  
1. in (standard input, InputStream)  
2. out (standard output, PrintStream)  
3. err (standard error, PrintStream)