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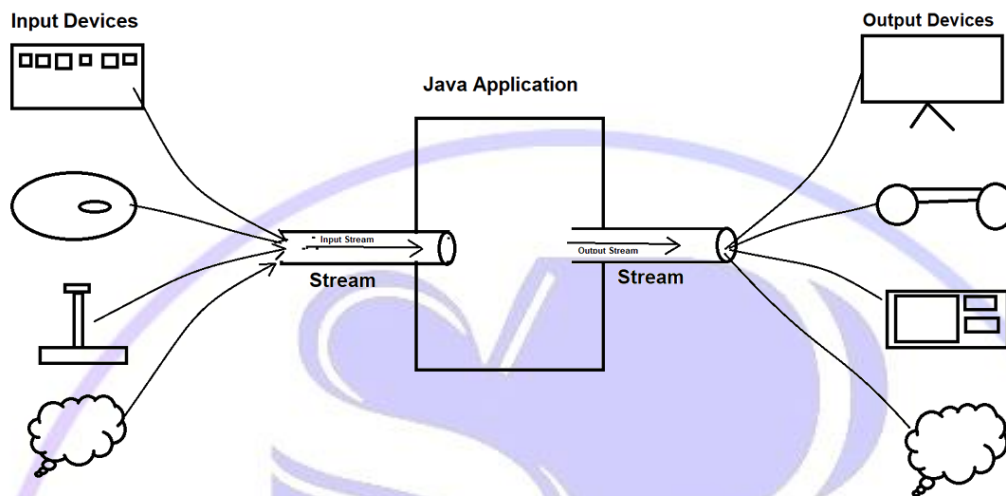
Byte Stream in Java

Java IO :-

Terms used in Java IO :-

1. Input Devices : Keyboard, mouse, Optical pen, Joystick etc
2. Output Devices : Screen, Head Set, Printers, Speakers etc
3. Stream : Flow of data, Real world example Water flow

=> **Stream** : Stream is a medium which allow the data to flow from input devices to java application or from java application to output devices



-> In java there are 3 predefined stream which transfer the data from CMD to java application which are as follows :-

1. System.out
2. System.in
3. System.err

-> To transfer the data from input devices to java application or java application to output devices, java has provided many classes which are present in java.io package

-> Types of Streams :-

1. Byte Stream
 2. Character Stream
-

=> Byte Stream :-

-> In this stream data is transferred in the form of bytes i.e. 0 and 1

-> The length of byte stream is 1 byte

-> Types of byte stream :-

1. InputStream

-> public int read(-) throws IOException

-> public int available() throws
IOException

-> public void close() throws
IOException

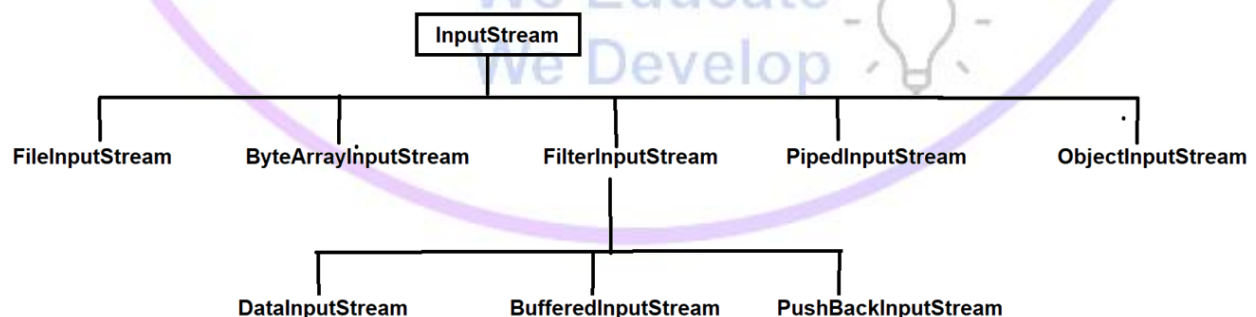
2. OutputStream

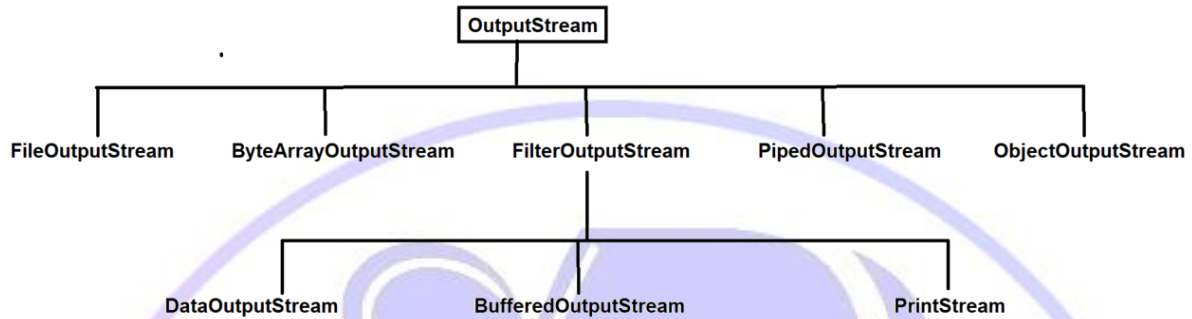
-> public void write(-) throws
IOException

-> public void flush() throws IOException

-> public void close() throws
IOException

-> **Hierarchy of InputStream and OutputStream classes :-**





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